

# Tonga - Non-Communicable Diseases Risk Factors: STEPS Survey 2017

**Ministry of Health - Government of Tonga**  
**Tonga Statistics Department - Government of Tonga**

Report generated on: May 20, 2019

Visit our data catalog at: <http://pdl.spc.int/index.php>

# Overview

## Identification

---

### ID NUMBER

SPC\_TON\_2017\_STEPS\_v02\_M

## Version

---

### VERSION DESCRIPTION

v01: edited data of the Master file (labelled and cleaned). This is not the final dataset. Therefore, all observations were removed from the dataset due to sensitivity of the data and for not being the final version.

### PRODUCTION DATE

2017-03-02

### NOTES

The dataset held at Pacific Community by the documentation team is not the final one hence the absence of the dataset in this documentation.

## Overview

---

### ABSTRACT

The Tongan NCD Risk Factors STEPS survey was a nation wide cross sectional assessment of 18 to 64 year olds carried out in from 12th of March to the 5th of May 2017 using WHO STEPS surveillance methodology and instruments.

### Purpose

The WHO STEPwise approach to noncommunicable disease (NCD) risk factor surveillance is designed to help countries build and strengthen their surveillance capacity. STEPS is the WHO's recommended tool for surveillance of NCDs and their risk factors. It provides an entry point for low and middle income countries to get started on NCD surveillance activities. It is also designed to help countries build and strengthen their capacity to conduct surveillance.

The key objectives of the 2017 STEPS survey were to:

- To investigate and document the prevalence of key NCDs in Tonga.
- To determine the prevalence of and better understand the major risk factors and their associations for common NCDs in Tonga.

document the prevalence and magnitude of major modifiable risk factors for NCDs, including tobacco use, alcohol consumption, fruit and vegetable consumption, physical activity, overweight and obesity, blood pressure, blood glucose and cholesterol levels.

- To document the prevalence of key NCDs among adults in Tonga.
- To monitor trends in major NCD risk factors and key NCDs across age groups and gender.

Common, preventable risk factors underly most NCDs. The leading risk factor globally is raised blood pressure, followed by tobacco use. Other major risk factors, accounting for a large fraction of the global mortality and morbidity from NCDs include alcohol use, unhealthy diet (such as low fruit and vegetable intake, or high salt intake), insufficient physical activity, overweight/obesity, raised blood glucose, and raised cholesterol. STEPS is a sequential process. It starts with gathering key information on risk factors with a questionnaire, then moves to simple physical measurements and then to more complex collection of urine and blood samples for biochemical analysis. STEPS emphasizes that small amounts of good quality data are more valuable than large amounts of poor data.

## KIND OF DATA

Sample survey data [ssd]

## UNITS OF ANALYSIS

- Individual

## Scope

## NOTES

INDIVIDUAL: Socio demographic and behavioural information (tobacco use, alcohol consumption, diet and physical activity); Tobacco use; Alcohol consumption; Low intake of fruit and vegetables; Diet high in salt; Physical inactivity; Physical measurements such as height, weight and blood pressure; Obesity; Raised fasting blood glucose; High levels of fat in the blood; Medical history; Cervical cancer screening; Biochemical measurements were collected to assess salt intake, blood glucose and cholesterol; Health care; Access to services.

## TOPICS

| Topic                          | Vocabulary      | URI |
|--------------------------------|-----------------|-----|
| General Health                 | WHO WB Modified |     |
| Non-communicable diseases      | WHO WB Modified |     |
| Alcohol and drug abuse         | WHO WB Modified |     |
| Tobacco/smoking                | WHO WB Modified |     |
| Nutrition                      | WHO WB Modified |     |
| Health behaviors and attitudes | WHO WB Modified |     |

## KEYWORDS

Tonga, NCD, Disease, Health, Diet, Tobacco, Alcohol, Inactivity, Obesity

## Coverage

## GEOGRAPHIC COVERAGE

National coverage.

## UNIVERSE

Individuals aged between 18-69.

## Producers and Sponsors

## PRIMARY INVESTIGATOR(S)

| Name                        | Affiliation         |
|-----------------------------|---------------------|
| Ministry of Health          | Government of Tonga |
| Tonga Statistics Department | Government of Tonga |

## OTHER PRODUCER(S)

| Name                      | Affiliation                      | Role |
|---------------------------|----------------------------------|------|
| World Health Organization | Logistical and technical support |      |

## FUNDING

| Name                      | Abbreviation | Role           |
|---------------------------|--------------|----------------|
| World Health Organization | WHO          | Shared funding |
| Government of Tonga       |              | Shared funding |

## Metadata Production

---

### METADATA PRODUCED BY

| Name                                | Abbreviation | Affiliation       | Role                       |
|-------------------------------------|--------------|-------------------|----------------------------|
| Statistics for Development Division | SDD          | Pacific Community | Documentation of the study |

### DATE OF METADATA PRODUCTION

2019-01-28

### DDI DOCUMENT VERSION

Version 01 (January 2019): This is the first attempt at documenting the Tongan 2017 STEPS survey. Done by Statistics for Development Division (SDD) at Noumea, New Caledonia.

### DDI DOCUMENT ID

DDI\_SPC\_TON\_2017\_STEPS\_v02\_M

# Sampling

## Sampling Procedure

---

An initial sample of 4,500 individuals (respondents) between the ages of 18 to 69 years old was targeted to undertake the STEPS survey for 2017 in Tonga.

Because it is important to compare the results by island divisions (national level), it is required with importance to produce the estimates in the divisional level (National Level). Therefore the sampling fractions will be adjusted from its proportional to the size (number of households) to have higher sampling fraction (coverage) for the smaller size island division as shown in the following table:

Pop Census STEPS sample

Island Total HH ideal sample size coverage Number of Selected Blocks

|             |        |       |       |     |
|-------------|--------|-------|-------|-----|
| 1 Tongatapu | 12,953 | 3240  | 25.0% | 270 |
| 2 Vava'u    | 2,715  | 684   | 25.2% | 57  |
| 3 Ha'apai   | 1,179  | 288   | 24.4% | 24  |
| 4 Eua       | 885    | 228   | 25.8% | 19  |
| 5 Niua      | 273    | 60    | 22.0% | 5   |
| Total       | 18,005 | 4,500 | 25.0% | 375 |

The final sample numbers presented in the table above were rounded such that they were divisible by 12 (an enumerators workload) to accommodate field logistics. As such the sample size is recorded to 4,500. The sample was selected independently within each of the 5 target areas.

The sampling in each area was then undertaken using a three-stage process. The first stage involved the selection of census blocks using Probability Proportional to Size (PPS) sampling, where the size measure was the expected number of households in that block. For the second stage, a fixed number (twelve) of households were selected from each selected census block using systematic sampling. The household lists for all selected blocks were updated just prior to the second stage of selection. Once the selected 12 households are found, then the list of household members age 15 to 64 by gender will be recorded. The final stage will be to use the Random Sample Generator (Android Application) to randomly select one person from the household to be enumerated so that it captures the required composition of the sample with specific age-group distribution and gender.

# Questionnaires

## Overview

---

The questionnaire was published in English with the Tongan translation under each question and answer. The questionnaire was developed using the World Bank software Survey Solutions and contained the following modules:

1. Geographical ID
  2. Demographic information
  3. Tobacco use
  4. Alcohol consumption
  5. Diet
  6. Physical activity
  7. History
  8. Cervical cancer screening
  9. Physical measurements
  10. Biochemical measurements
  11. Difficulty
  12. Health care - Tokangaekina e mo'ui lelei
  13. Access to services
  14. GPS + photo
- Appendices: Instructions and Options

## Data Collection

### Data Collection Dates

---

| Start | End | Cycle |
|-------|-----|-------|
|-------|-----|-------|

### Data Collection Mode

---

Face-to-face [f2f]

### Questionnaires

---

The questionnaire was published in English with the Tongan translation under each question and answer. The questionnaire was developed using the World Bank software Survey Solutions and contained the following modules:

1. Geographical ID
2. Demographic information
3. Tobacco use
4. Alcohol consumption
5. Diet
6. Physical activity
7. History
8. Cervical cancer screening
9. Physical measurements
10. Biochemical measurements
11. Difficulty
12. Health care - Tokangaekina e mo'ui lelei
13. Access to services
14. GPS + photo

Appendices: Instructions and Options

### Data Collectors

---

| Name               | Abbreviation | Affiliation         |
|--------------------|--------------|---------------------|
| Ministry of Health |              | Government of Tonga |

## Data Processing

No content available



## Data Appraisal

No content available

## **File Description**

## Variable List

**SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv**

|              |  |
|--------------|--|
| Content      | This file is the 2017 Tongan STEPS survey dataset.   |
| Cases        | 0  |
| Variable(s)  | 393  |
| Structure    | Type: relational<br>Keys: island(Island), district(District), village(Village), household_number(household_number), unique_pers_id(Unique individual ID)                 |
| Version      | Version 01: This is the de-identified, cleaned and labelled version of the Master file. Please note that this is not the final dataset so all observations were removed. |
| Producer     | Tonga Statistics Department.   |
| Missing Data |  |

**Variables**

| ID    | Name                       | Label                            | Type     | Format    | Question   |
|-------|----------------------------|----------------------------------|----------|-----------|--|
| V1189 | Id                         | Id                               | discrete | character |  |
| V1190 | island                     | Island                           | discrete | numeric   | Please enter the island.   |
| V1191 | district                   | District                         | discrete | numeric   | Please select the district.  |
| V1192 | village                    | Village                          | discrete | numeric   | Please enter the village.  |
| V1193 | block                      | Block                            | discrete | numeric   | Please enter the block number.   |
| V1194 | household_number           | household_number                 | contin   | numeric   | Household Number   |
| V1195 | unique_pers_id             | Unique individual ID             | contin   | numeric   |  |
| V1196 | Household_occupied         | Occupied                         | discrete | numeric   |  |
| V1197 | pedometer                  | Pedometer                        | discrete | numeric   |  |
| V1198 | urine                      | urine                            | discrete | numeric   |  |
| V1199 | Interview_language         | Interview_language               | discrete | numeric   |  |
| V1200 | consent                    | consent                          | discrete | numeric   | Consent has been read and obtained   |
| V1201 | kap                        | kap                              | discrete | numeric   |  |
| V1202 | interview_date             | interview_date                   | discrete | character |  |
| V1203 | sex                        | sex of respondent                | discrete | numeric   | Sex?   |
| V1204 | di_age                     | Age                              | contin   | numeric   | What is the age in completed years ?   |
| V1205 | di_full_time_study         | full_time_study                  | contin   | numeric   | In total, how many years have you spent at school and in full-time study (excluding preschool)?    |
| V1206 | c2a_highest_level_attended | Highest level of school attended | discrete | numeric   | What is the highest level of education you have completed ?  |
| V1207 | di_identity                | Ethnicity                        | discrete | numeric   | What is your [insert relevant ethnic group / racial group / cultural subgroup / others]background? |

| ID    | Name                    | Label   | Type     | Format    | Question   |
|-------|-------------------------|---|----------|-----------|--|
| V1208 | di_identity_other       | Description of 'other' ethnicity                      | discrete | character | Specify Other Ethnicity  |
| V1209 | di_marital_status       | Marital status  | discrete | numeric   | Marital status?  |
| V1210 | di_religion             | Religion  | discrete | numeric   | What is your religious affiliation?  |
| V1211 | d1_main_activity        | Main activity last week                               | discrete | numeric   | Which of the following best describes your main work status over the past 12 months?                   |
| V1212 | older_18                | older_18  | contin   | numeric   | How many people older than 18 years, including yourself, live in your household?                       |
| V1213 | average_earning         | average_earning                                       | discrete | numeric   | Taking the past year, can you tell me what the average earnings of the household have been in a month? |
| V1214 | current_smoke           | Current_smoke   | discrete | numeric   | Do you currently smoke any tobacco products, such as cigarettes, cigars or pipes?                      |
| V1215 | daily_smoke             | Daily_smoke   | discrete | numeric   | Do you currently smoke tobacco products daily?   |
| V1216 | start_smoke             | start_smoke   | contin   | numeric   | How old were you when you first started smoking?   |
| V1217 | in_years                | in_years  | contin   | numeric   | DO YOU REMEMBER HOW LONG AGO IT WAS? (in years)  |
| V1218 | in_months               | in_months   | discrete | numeric   | DO YOU REMEMBER HOW LONG AGO IT WAS? (in months)   |
| V1219 | in_days                 | in_days   | discrete | numeric   | DO YOU REMEMBER HOW LONG AGO IT WAS? (in days)   |
| V1220 | types_smoke__1          | types_smoke:Manufactured cigarettes (sikaleti ngaahi) | discrete | numeric   | Do you smoke these products?   |
| V1221 | types_smoke__2          | types_smoke:Hand-rolled cigarettes (sikaleti takai)   | discrete | numeric   | Do you smoke these products?   |
| V1222 | types_smoke__3          | types_smoke:Pipes full of tobacco (paipa)             | discrete | numeric   | Do you smoke these products?   |
| V1223 | types_smoke__4          | types_smoke:Cigars, cheroots, cigarillos (sika)       | discrete | numeric   | Do you smoke these products?   |
| V1224 | types_smoke__5          | types_smoke:Local Tobacco (Tapaka Tonga)              | discrete | numeric   | Do you smoke these products?   |
| V1225 | types_smoke__6          | types_smoke:Other (Sikaleti makehe ange)              | discrete | numeric   | Do you smoke these products?   |
| V1226 | manufactured_cigarettes | Manufactured Cigarette                                | discrete | numeric   | How many Manufactured cigarettes do you smoke daily?   |
| V1227 | manufactured_daily      | manufacture_cigarettes                                | contin   | numeric   | How many Manufactured cigarettes do you smoke daily?   |

| ID    | Name                  | Label                              | Type     | Format  | Question  |
|-------|-----------------------|------------------------------------|----------|---------|---|
| V1228 | manufactured_weekly   | manufacture_cigarettes_weekly      | contin   | numeric | How many Hand-rolled cigarettes do you smoke weekly?          |
| V1229 | handrolled_cigarettes | Handrolled Cigarettes              | discrete | numeric | How many Hand-rolled cigarettes do you smoke daily?           |
| V1230 | handrolled_daily      | handroll daily cigarettes          | contin   | numeric | How many Hand-rolled cigarettes do you smoke daily?           |
| V1231 | handrolled_weekly     | handroll weekly cigarettes         | discrete | numeric | How many Hand-rolled cigarettes do you smoke weekly?          |
| V1232 | pipe                  | Pipe                               | discrete | numeric | How many Pipes full of tobacco do you smoke daily?            |
| V1233 | smoke_pipes           | smoke_pipes                        | discrete | numeric | How many Pipes full of tobacco do you smoke daily?            |
| V1234 | pipe_weekly           | Pipe Weekly                        | discrete | numeric | How many Pipes full of tobacco do you smoke weekly?           |
| V1235 | cigar                 | Cigars, cheroots, cigarillos       | discrete | numeric | How many Cigars, cheroots, cigarillos do you smoke daily?     |
| V1236 | cigar_daily           | Cigars, cheroots, cigarillos Daily | discrete | numeric | How many Cigars, cheroots, cigarillos do you smoke daily?     |
| V1237 | cigar_weekly          | smoke_cigars                       | discrete | numeric | How many Cigars, cheroots, cigarillos do you smoke weekly?    |
| V1238 | local_tobacco         | Local Tobacco                      | discrete | numeric | How many Local Tobacco cigarettes do you smoke daily?         |
| V1239 | localtobacco_daily    | Local Tobacco Daily                | contin   | numeric | How many Local Tobacco cigarettes do you smoke daily?         |
| V1240 | localtobacco_weekly   | Local Tobacco Weekly               | contin   | numeric | How many Local Tobacco cigarettes do you smoke daily?         |
| V1241 | specify_smoke         | specify_smoke                      | discrete | numeric | Specify the other products smoke.                             |
| V1242 | other_tobacco         | Other Tobacco                      | discrete | numeric | Is there any other products you smoke not on the list?        |
| V1243 | othertobacco_daily    | Other Tobacco Daily                | discrete | numeric | Is there any other products you smoke not on the list? Daily  |
| V1244 | othertobacco_weekly   | Other Tobacco Weekly               | discrete | numeric | Is there any other products you smoke not on the list? Weekly |
| V1245 | stop_smoke            | stop_smoke                         | discrete | numeric | During the past 12 months, have you tried to stop smoking?    |

| ID    | Name              | Label   | Type     | Format  | Question  |
|-------|-------------------|---|----------|---------|---|
| V1246 | advise_quit       | advise_quit   | discrete | numeric | During any visit to a doctor or other health worker in the past 12 months, were you advised to quit smoking tobacco?                              |
| V1247 | past_smoke        | past_smoke  | discrete | numeric | In the past, did you ever smoke any tobacco products? (USE SHOWCARD)  |
| V1248 | eversmoke_daily   | eversmoke_daily                                     | discrete | numeric | In the past, did you ever smoke daily?  |
| V1249 | Age_stop_smoke    | Age_stop_smoke                                      | contin   | numeric | How old were you when you stopped smoking?  |
| V1250 | someone_smoke     | someone_smoke                                       | discrete | numeric | During the past 30 days, did someone smoke in your home?  |
| V1251 | smoke_workplace   | smoke_workplace                                     | discrete | numeric | During the past 30 days, did someone smoke in closed areas in your workplace (in the building, in a work area or a specific office)?              |
| V1252 | consume_alcohol   | consume_alcohol                                     | discrete | numeric | Have you ever consumed any alcohol such as beer, wine, spirits or [add other local examples]?   |
| V1253 | alcohol_12months  | alcohol_12 months                                   | discrete | numeric | Have you consumed any alcohol within the past 12 months?  |
| V1254 | stop_due_health   | stop_due_health                                     | discrete | numeric | Have you stopped drinking due to health reasons, such as a negative impact on your health or on the advice of your doctor or other health worker? |
| V1255 | how_frequent      | how_frequent  | discrete | numeric | During the past 12 months, how frequently have you had at least one standard alcoholic drink?   |
| V1256 | alcohol_30days    | alcohol_30days                                      | discrete | numeric | Have you consumed any alcohol within the past 30 days?  |
| V1257 | how_many_occasion | how_many_occasion                                   | contin   | numeric | During the past 30 days, on how many occasions did you have at least one standard alcoholic drink?  |
| V1258 | kind_drinks__1    | kind_drinks:Beers (VB, Foster, Heniken,) 3.5%       | contin   | numeric | During the past 30 days, What kind of alcohol you did drink?  |
| V1259 | kind_drinks__2    | kind_drinks:Beers ( Kingdom , Tafi, Ikale, etc.) 5% | contin   | numeric | During the past 30 days, What kind of alcohol you did drink?  |

| ID    | Name            | Label                      | Type     | Format  | Question  |
|-------|-----------------|----------------------------|----------|---------|---|
| V1260 | kind_drinks__3  | kind_drinks:Wine (cups)    | contin   | numeric | During the past 30 days, What kind of alcohol you did drink?  |
| V1261 | kind_drinks__4  | kind_drinks:Siprits (cups) | contin   | numeric | During the past 30 days, What kind of alcohol you did drink?  |
| V1262 | beer_drinks     | beer_drinks                | discrete | numeric | During the past 30 days, when you drank alcohol, how many standard drinks of BEER on average did you have during one drinking occasion?                       |
| V1263 | beer_drinks_5   | beer_drinks_5              | discrete | numeric | During the past 30 days, when you drank alcohol, how many standard drinks of 5% BEER on average did you have during one drinking occasion?                    |
| V1264 | wine_drinks     | wine_drinks                | discrete | numeric | During the past 30 days, when you drank alcohol, how many standard drinks of Wine on average did you have during one drinking occasion?                       |
| V1265 | sipirits_drinks | sipirits_drinks            | discrete | numeric | During the past 30 days, when you drank alcohol, how many standard drinks of SPIRITS on average did you have during one drinking occasion?                    |
| V1266 | largest_drinks  | largest_drinks             | contin   | numeric | During the past 30 days, what was the largest number of standard drinks you had on a single occasion, counting all types of alcoholic drinks together?        |
| V1267 | beer_largest    | beer_largest               | discrete | numeric | During the past 30 days, what was the largest number of standard drinks (BEER) you had on a single occasion, counting all types of alcoholic drinks together? |
| V1268 | large_drinks_5  | large_drinks_5             | discrete | numeric | During the past 30 days, what was the largest number of standard drinks you had on a single occasion, counting all types of alcoholic drinks together?        |



| ID    | Name                  | Label                 | Type     | Format  | Question   |
|-------|-----------------------|-----------------------|----------|---------|--|
| V1269 | large_wine_drinks     | large_wine_drinks     | discrete | numeric | During the past 30 days, what was the largest number of wine drinks you had on a single occasion, counting all types of alcoholic drinks together?     |
| V1270 | sipirits_drinks_large | sipirits_drinks_large | discrete | numeric | During the past 30 days, what was the largest number of standard drinks you had on a single occasion, counting all types of alcoholic drinks together? |
| V1271 | six_more              | six_more              | contin   | numeric | During the past 30 days, how many times did you have six or more standard drinks in a single drinking occasion?  |
| V1272 | alcohol_7days         | Alcohol 7days         | discrete | numeric | During each of the past 7 days, Which day you had at least one drink?  |
| V1273 | past_7days__1         | past_7days:Monday     | discrete | numeric | During each of the past 7 days, Which day you had at least one drink?  |
| V1274 | past_7days__2         | past_7days:Tuesday    | discrete | numeric | During each of the past 7 days, Which day you had at least one drink?  |
| V1275 | past_7days__3         | past_7days:Wednesday  | discrete | numeric | During each of the past 7 days, Which day you had at least one drink?  |
| V1276 | past_7days__4         | past_7days:Thursday   | discrete | numeric | During each of the past 7 days, Which day you had at least one drink?  |
| V1277 | past_7days__5         | past_7days:Friday     | discrete | numeric | During each of the past 7 days, Which day you had at least one drink?  |
| V1278 | past_7days__6         | past_7days:Saturday   | discrete | numeric | During each of the past 7 days, Which day you had at least one drink?  |
| V1279 | past_7days__7         | past_7days:Sunday     | discrete | numeric | During each of the past 7 days, Which day you had at least one drink?  |
| V1280 | monday                | monday                | discrete | numeric | How many standard drinks did you have on Monday?   |
| V1281 | tuesday               | Tuesday               | discrete | numeric | How many standard drinks did you have on Tuesday?  |
| V1282 | wednesday             | wednesday             | discrete | numeric | How many standard drinks did you have on Wednesday?  |
| V1283 | thursday              | thursday              | discrete | numeric | How many standard drinks did you have on thursday?   |

| ID    | Name               | Label  | Type     | Format  | Question  |
|-------|--------------------|--|----------|---------|---|
| V1284 | friday             | friday   | discrete | numeric | How many standard drinks did you have on Friday?  |
| V1285 | saturday           | saturday   | discrete | numeric | How many standard drinks did you have on Saturday?  |
| V1286 | sunday             | sunday   | discrete | numeric | How many standard drinks did you have on Sunday?  |
| V1287 | consume_homebrewed | consume_homebrewed   | discrete | numeric | During the past 7 days, did you consume any homebrewed alcohol, any alcohol brought over the border/from another country, any alcohol not intended for drinking or other untaxed alcohol? |
| V1288 | brewed_types_1     | brewed_types:Homebrewed spirits, e.g. moonshine                                  | discrete | numeric | Which of the following did you consume during the past 7 days?  |
| V1289 | brewed_types_2     | brewed_types:Homebrewed beer or wine, e.g. beer, palm or fruit wine              | discrete | numeric | Which of the following did you consume during the past 7 days?  |
| V1290 | brewed_types_3     | brewed_types:Alcohol brought over the border/from another country                | discrete | numeric | Which of the following did you consume during the past 7 days?  |
| V1291 | brewed_types_4     | brewed_types:Alcohol not intended for drinking, e.g. alcohol-based medicines, pe | discrete | numeric | Which of the following did you consume during the past 7 days?  |
| V1292 | brewed_types_5     | brewed_types:Other untaxed alcohol in the country                                | discrete | numeric | Which of the following did you consume during the past 7 days?  |
| V1293 | brewed_spirit      | A12a. On average, how many standard drinks of Homebrewed spirits, e.g. moonshine | discrete | numeric | On average, how many standard drinks of Homebrewed beer or wine, e.g. beer, palm or fruit wine consume during the past 7 days?  |
| V1294 | brewed_beer        | brewed_beer  | discrete | numeric | On average, how many standard drinks of Homebrewed beer or wine, e.g. beer, palm or fruit wine consume during the past 7 days?  |
| V1295 | over_boarder       | over_boarder   | discrete | numeric | On average, how many standard drinks of Alcohol brought over the border/from another country consume during the past 7 days?  |
| V1296 | not_intended       | Not Intended   | discrete | numeric | On average, how many standard drinks of Alcohol not intended for drinking, e.g. alcohol-based medicines, perfumes, after shaves during the past 7 days.                                   |

| ID    | Name           | Label                  | Type     | Format  | Question  |
|-------|----------------|------------------------|----------|---------|---|
| V1297 | not_intend     | Not Intended           | discrete | numeric | On average, how many standard drinks of Alcohol not intended for drinking, e.g. alcohol-based medicines, perfumes, after shaves consume during the past 7 days? |
| V1298 | other_untax    | Other Untax            | discrete | numeric | On average, how many standard drinks of Other untaxed alcohol in the country consume during the past 7 days?  |
| V1299 | other_untaxed  | Not Intended           | discrete | numeric | On average, how many standard drinks of Other untaxed alcohol in the country during the past 7 days.  |
| V1300 | someone_drink  | someone_drink          | discrete | numeric | During the past 12 months, have you had family problems or problems with your partner due to someone else's drinking?   |
| V1301 | kava_use       | kava_use               | discrete | numeric | Have you ever tried or drunk kava/nangkona n the past 12 months?  |
| V1302 | time_spend     | time_spend             | discrete | numeric | How long do you usually spend drinking kava in a session?   |
| V1303 | smoke_kava     | smoke_kava             | discrete | numeric | Do you usually smoke during or after drinking kava ?  |
| V1304 | eat_kava       | eat_kava               | discrete | numeric | Do you usually eat during or after drinking kava?   |
| V1305 | food_eat_1     | food_eat:Soft Drinks   | discrete | numeric | If yes, what type of food and drink?  |
| V1306 | food_eat_2     | food_eat:Sweets        | discrete | numeric | If yes, what type of food and drink?  |
| V1307 | food_eat_3     | food_eat:Salted Snacks | discrete | numeric | If yes, what type of food and drink?  |
| V1308 | food_eat_4     | food_eat:Others        | discrete | numeric | If yes, what type of food and drink?  |
| V1309 | eat_fruit      | eat_fruit              | discrete | numeric | In a typical week, on how many days do you eat fruit? (USE SHOWCARD)  |
| V1310 | serve_day      | serve_day              | discrete | numeric | How many servings of fruit do you eat on one of those days? (USE SHOWCARD)  |
| V1311 | eat_vegetables | eat_vegetables         | discrete | numeric | In a typical week, on how many days do you eat vegetables? (USE SHOWCARD)   |

| ID    | Name            | Label                       | Type     | Format  | Question   |
|-------|-----------------|-----------------------------|----------|---------|--|
| V1312 | serve_day_vegie | serve_day_vegie             | discrete | numeric | How many servings of vegetables do you eat on one of those days? (USE SHOWCARD)  |
| V1313 | add_salt        | add_salt                    | discrete | numeric | How often do you add salt or a salty sauce such as soya sauce to your food right before you eat it or as you are eating it?  |
| V1314 | salt_cook       | salt_cook                   | discrete | numeric | How often is salt, salty seasoning or a salty sauce added in cooking or preparing foods in your household?   |
| V1315 | processed_food  | processed_food              | discrete | numeric | How often do you eat processed food high in salt? By processed food high in salt, I mean foods that have been altered from their natural state, such as packaged salty snacks, canned salty food including pickles and preserves, salty food prepared at a fast food restaurant, cheese, bacon and processed meat [add country specific examples]. |
| V1316 | how_much_salt   | how_much_salt               | discrete | numeric | How much salt or salty sauce do you think you consume?   |
| V1317 | oil_type__1     | oil_type:Vegetable oil      | discrete | numeric | What type of oil or fat is most often used for meal preparation in your household?   |
| V1318 | oil_type__2     | oil_type:Lard or suet       | discrete | numeric | What type of oil or fat is most often used for meal preparation in your household?   |
| V1319 | oil_type__3     | oil_type:Butter or ghee     | discrete | numeric | What type of oil or fat is most often used for meal preparation in your household?   |
| V1320 | oil_type__4     | oil_type:Margarine          | discrete | numeric | What type of oil or fat is most often used for meal preparation in your household?   |
| V1321 | oil_type__5     | oil_type:Other              | discrete | numeric | What type of oil or fat is most often used for meal preparation in your household?   |
| V1322 | oil_type__6     | oil_type:None in particular | discrete | numeric | What type of oil or fat is most often used for meal preparation in your household?   |

| ID    | Name                | Label               | Type     | Format    | Question   |
|-------|---------------------|---------------------|----------|-----------|--|
| V1323 | oil_type__7         | oil_type:None used  | discrete | numeric   | What type of oil or fat is most often used for meal preparation in your household?   |
| V1324 | oil_type__9         | oil_type:Don't know | discrete | numeric   | What type of oil or fat is most often used for meal preparation in your household?   |
| V1325 | other_oil_type      | other_oil_type      | discrete | character | What type of oil or fat is most often used for meal preparation in your household?   |
| V1326 | meal_not_prepared   | meal_not_prepared   | contin   | numeric   | On average, how many meals per week do you eat that were not prepared at a home? By meal, I mean breakfast, lunch and dinner.  |
| V1327 | drink_contain_sugar | drink_contain_sugar | discrete | numeric   | In the last week, on how many days did you have a drink containing sugar including fizzy drinks, juice drinks (including fruit juice), cordials/drink mixes, and home made drinks with added sugar (use showcard)    |
| V1328 | serves_sugardrink   | serves_sugardrink   | contin   | numeric   | On the days when you had a drink containing sugar, how many serves did you have (use showcard. One serve being one can of drink, one large glass)  |
| V1329 | last_week_sugar     | last_week_sugar     | contin   | numeric   | In the last week, how often did you have a drink to which you added sugar, like milo, tea or coffee (use showcard). (If had more than one drink a day, please include this eg 10 times in last week)                 |
| V1330 | spoon_sugar         | spoon_sugar         | discrete | numeric   | How many teaspoons of sugar did you add, on average, to each of these drinks   |
| V1331 | work                | work                | discrete | numeric   | Does your work involve vigorous-intensity activity that causes large increases in breathing or heart rate like [carrying or lifting heavy loads, digging or construction work] for at least 10 minutes continuously? |
| V1332 | work_days           | work_days           | discrete | numeric   | In a typical week, on how many days do you do vigorous-intensity activities as part of your work?  |

| ID    | Name               | Label              | Type     | Format  | Question   |
|-------|--------------------|--------------------|----------|---------|--|
| V1333 | work_hours         | work hours         | discrete | numeric | HOW MUCH TIME DO YOU SPEND DOING VIGOROUS-INTENSITY ACTIVITIES AT WORK ON A TYPICAL DAY? Hours   |
| V1334 | work_minutes       | work_minutes       | contin   | numeric | HOW MUCH TIME DO YOU SPEND DOING VIGOROUS-INTENSITY ACTIVITIES AT WORK ON A TYPICAL DAY? Minutes   |
| V1335 | small_work         | work small         | discrete | numeric | Does your work involve moderate-intensity activity, that causes small increases in breathing or heart rate such as brisk walking [or carrying light loads] for at least 10 minutes continuously? |
| V1336 | small_work_days    | small work days    | contin   | numeric | In a typical week, on how many days do you do moderate-intensity activities as part of your work?  |
| V1337 | small_work_hours   | small work hours   | discrete | numeric | HOW MUCH TIME DO YOU SPEND DOING VIGOROUS-INTENSITY ACTIVITIES AT WORK ON A TYPICAL DAY?   |
| V1338 | small_work_minutes | small_work_minutes | contin   | numeric | HOW MUCH TIME DO YOU SPEND DOING VIGOROUS-INTENSITY ACTIVITIES AT WORK ON A TYPICAL DAY?   |
| V1339 | bicycle            | bicycle            | discrete | numeric | Do you walk or use a bicycle (pedal cycle) for at least 10 minutes continuously to get to and from places?   |
| V1340 | bicycle_days       | bicycle_days       | discrete | numeric | HOW MUCH TIME DO YOU SPEND WALKING OR BICYCLING FOR TRAVEL ON A TYPICAL DAY?   |
| V1341 | bicycle_hours      | bicycle hours      | discrete | numeric | HOW MUCH TIME DO YOU SPEND WALKING OR BICYCLING FOR TRAVEL ON A TYPICAL DAY? Hours   |
| V1342 | bicycle_minutes    | bicycle_minutes    | contin   | numeric | HOW MUCH TIME DO YOU SPEND WALKING OR BICYCLING FOR TRAVEL ON A TYPICAL DAY? Minutes   |
| V1343 | fitness            | fitness            | discrete | numeric | Do you do any vigorous-intensity sports, fitness or recreational (leisure) activities that cause large increases in breathing or heart-  |

| ID    | Name                   | Label                  | Type     | Format  | Question  |
|-------|------------------------|------------------------|----------|---------|---|
| V1344 | fitness_days           | fitness_days           | discrete | numeric | Do you do any vigorous-intensity sports, fitness or recreational (leisure) activities that cause large increases in breathing or heart- days    |
| V1345 | fitness_hours          | fitness hours          | discrete | numeric | Do you do any vigorous-intensity sports, fitness or recreational (leisure) activities that cause large increases in breathing or heart- hours   |
| V1346 | fitness_minutes        | fitness_minutes        | contin   | numeric | Do you do any vigorous-intensity sports, fitness or recreational (leisure) activities that cause large increases in breathing or heart- minutes |
| V1347 | moderate_sport         | moderate sport         | discrete | numeric | HOW MUCH TIME DO YOU SPEND DOING MODERATE-INTENSITY SPORTS, FITNESS OR RECREATIONAL (LEISURE) ACTIVITIES ON A TYPICAL DAY?                      |
| V1348 | moderate_days          | moderate_days          | discrete | numeric | HOW MUCH TIME DO YOU SPEND DOING MODERATE-INTENSITY SPORTS, FITNESS OR RECREATIONAL (LEISURE) ACTIVITIES ON A TYPICAL DAY?                      |
| V1349 | moderate_sport_hours   | moderate_sport hours   | discrete | numeric | HOW MUCH TIME DO YOU SPEND DOING MODERATE-INTENSITY SPORTS, FITNESS OR RECREATIONAL (LEISURE) ACTIVITIES ON A TYPICAL DAY?                      |
| V1350 | moderate_sport_minutes | moderate_sport_minutes | contin   | numeric | HOW MUCH TIME DO YOU SPEND DOING MODERATE-INTENSITY SPORTS, FITNESS OR RECREATIONAL (LEISURE) ACTIVITIES ON A TYPICAL DAY?                      |
| V1351 | sitting_minutes        | sitting_minutes        | contin   | numeric | HOW MUCH TIME DO YOU USUALLY SPEND SITTING OR RECLINING ON A TYPICAL DAY?   |
| V1352 | sitting_hours          | sitting_hours          | discrete | numeric | HOW MUCH TIME DO YOU USUALLY SPEND SITTING OR RECLINING ON A TYPICAL DAY?   |
| V1353 | ever_measured          | ever_measured          | discrete | numeric | Have you ever had your blood pressure measured by a doctor or other health worker?  |

| ID    | Name                         | Label                           | Type     | Format  | Question  |
|-------|------------------------------|---------------------------------|----------|---------|---|
| V1354 | have_blood                   | have blood                      | discrete | numeric | Have you ever been told by a doctor or other health worker that you have raised blood pressure or hypertension?                                   |
| V1355 | been_told                    | been told                       | discrete | numeric | Have you been told in the past 12 months?   |
| V1356 | med_prescribe                | medicines prescribe             | discrete | numeric | In the past two weeks, have you taken any drugs (medication) for raised blood pressure prescribed by a doctor or other health worker?             |
| V1357 | seen_traditional             | seen traditional                | discrete | numeric | Have you ever seen a traditional healer for raised blood pressure or hypertension?  |
| V1358 | current_traditional          | currently traditional           | discrete | numeric | Are you currently taking any herbal or traditional remedy for your raised blood pressure?   |
| V1359 | diabetes                     | diabetes                        | discrete | numeric | Have you ever had your blood sugar measured by a doctor or other health worker?   |
| V1360 | taking_insulin               | taking insulin                  | discrete | numeric | Are you currently taking insulin for diabetes prescribed by a doctor or other health worker?  |
| V1361 | seen_traditional_diabetes    | seen traditional diabetes       | discrete | numeric | Have you ever seen a traditional healer for diabetes or raised blood sugar?   |
| V1362 | current_traditional_diabetes | current traditional diabetes    | discrete | numeric | Are you currently taking any herbal or traditional remedy for your diabetes?  |
| V1363 | cholesterol                  | cholesterol                     | discrete | numeric | Have you ever had your cholesterol (fat levels in your blood) measured by a doctor or other health worker?  |
| V1364 | have_cholesterol             | have cholesterol                | discrete | numeric | Have you ever had your cholesterol (fat levels in your blood) measured by a doctor or other health worker?  |
| V1365 | been_told_cholesterol        | been told cholesterol           | discrete | numeric | Have you been told in the past 12 months?   |
| V1366 | med_prescribe_cholesterol    | medicines prescribe cholesterol | discrete | numeric | In the past two weeks, have you taken any oral treatment (medication) for raised total cholesterol prescribed by a doctor or other health worker? |



| ID    | Name                            | Label                                      | Type     | Format  | Question   |
|-------|---------------------------------|--|----------|---------|--|
| V1367 | seen_traditional_cholesterol    | seen traditional cholesterol               | discrete | numeric | Have you ever seen a traditional healer for raised cholesterol?  |
| V1368 | current_traditional_cholesterol | current traditional cholesterol            | discrete | numeric | Are you currently taking any herbal or traditional remedy for your raised cholesterol?   |
| V1369 | ever_had_stroke                 | ever had stroke                            | discrete | numeric | Have you ever had a heart attack or chest pain from heart disease (angina) or a stroke (cerebrovascular accident or incident)?   |
| V1370 | quit_smoke                      | Quit Smoke                                 | discrete | numeric | During the past three years, has a doctor or other health worker advised you to quit using tobacco or don't start                |
| V1371 | physical_activities             | physical activities                        | discrete | numeric | During the past three years, has a doctor or other health worker advised you to start or do more physical activity               |
| V1372 | maintain_weight                 | maintain weight                            | discrete | numeric | During the past three years, has a doctor or other health worker advised you to do Maintain a healthy body weight or lose weight |
| V1373 | cervical_cancer                 | cervical_cancer                            | discrete | numeric | What do you know about cervical cancer?.....   |
| V1374 | b1_seeing                       | Difficulty in seeing                       | discrete | numeric | Do you have difficulty seeing, even if wearing glasses?  |
| V1375 | b2_hearing                      | Difficulty in hearing                      | discrete | numeric | Do you have difficulty hearing, even if using a hearing aid?   |
| V1376 | b3_mobility                     | Difficulty in walking or climbing          | discrete | numeric | Do you have difficulty walking or climbing steps?  |
| V1377 | b4_memory                       | Difficulty in remembering or concentrating | discrete | numeric | Do you have difficulty remembering or concentrating?   |
| V1378 | b5_selfcare                     | Difficulty with self-care                  | discrete | numeric | Does you have difficulty with self-care, such as washing all over or getting dressed?  |
| V1379 | b6_communication                | Difficulty in communicating                | discrete | numeric | Do you have difficulty communicating using their usual language? e.g understanding or being understood by others                 |
| V1380 | health_insurance                | health_insurance                           | discrete | numeric | Do you currently have health insurance?  |
| V1381 | current_insurance               | current health insurance                   | discrete | numeric | What kind of health insurance do you currently have?   |

| ID    | Name                | Label   | Type     | Format    | Question   |
|-------|---------------------|---|----------|-----------|--|
| V1382 | other_insurance     | other insurance   | discrete | character | Others - Specify (insurance type)  |
| V1383 | financial_source__1 | financial source:Current income of any household members<br>Pa'anga hu mai 'a e tok | contin   | numeric   | During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care? |
| V1384 | financial_source__2 | financial source:Savings (e. g. bank account) Tohi pangike                          | contin   | numeric   | During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care? |
| V1385 | financial_source__3 | financial source:Payment or reimbursement from a health insurance plan (Totongi     | contin   | numeric   | During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care? |
| V1386 | financial_source__4 | financial source:Sold items e. g. furniture, animals, jewellery<br>(Ngaahi koloa ne | contin   | numeric   | During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care? |
| V1387 | financial_source__5 | financial source:Family members or friends from outside the household (Famili, k    | contin   | numeric   | During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care? |
| V1388 | financial_source__6 | financial source:Borrowed from someone other than a friend or family Pa'anga na'    | contin   | numeric   | During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care? |

| ID    | Name                   | Label                                 | Type     | Format    | Question   |
|-------|------------------------|---------------------------------------|----------|-----------|--|
| V1389 | financial_source__7    | financial source:Other (Feitu'u kehe) | contin   | numeric   | During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care? |
| V1390 | other_financial_source | other financial source                | discrete | character | During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care? |
| V1391 | current_NCD            | current_NCD                           | discrete | numeric   | Have you ever had or do you currently have a non-communicable disease (NCD) such as cardiovascular disease including heart disease and stroke, cancer, chronic respiratory disease, or diabetes? |
| V1392 | healthcare_facility    | health care facility                  | discrete | numeric   | Have you ever visited any health care facility due to an NCD you have? Please exclude any hospitalization.   |
| V1393 | days_travel            | HC6a. Travel Days                     | discrete | numeric   | HOW MUCH TIME DID YOU SPEND TRAVELING THE LAST TIME YOU VISITED A HEALTH CARE FACILITY (TAKING BOTH WAYS INTO ACCOUNT)? Days   |
| V1394 | hrs_travel             | hrs_travel                            | discrete | numeric   | HOW MUCH TIME DID YOU SPEND TRAVELING THE LAST TIME YOU VISITED A HEALTH CARE FACILITY (TAKING BOTH WAYS INTO ACCOUNT)? Days   |
| V1395 | mins_travel            | HC6c. Travel Mins                     | contin   | numeric   | HOW MUCH TIME DID YOU SPEND TRAVELING THE LAST TIME YOU VISITED A HEALTH CARE FACILITY (TAKING BOTH WAYS INTO ACCOUNT)? Days   |
| V1396 | waiting_hrs            | HC7a. Waiting Hrs                     | discrete | numeric   | HOW LONG WAS THE WAITING TIME BEFORE YOUR APPOINTMENT STARTED WHEN YOU LAST VISITED A HEALTH CARE FACILITY?  |

| ID    | Name                    | Label  | Type     | Format    | Question  |
|-------|-------------------------|--|----------|-----------|---|
| V1397 | waiting_mins            | waiting_mins   | contin   | numeric   | HOW LONG WAS THE WAITING TIME BEFORE YOUR APPOINTMENT STARTED WHEN YOU LAST VISITED A HEALTH CARE FACILITY? Mins  |
| V1398 | healthcarevisit_30days  | healthcarevisit_30days   | discrete | numeric   | During the past 30 days, have you visited any health care facility due to an NCD you have? Please exclude any hospitalization.  |
| V1399 | healthcare_visits_1     | healthcarevisit:Health Center Senita (kiliniki) ki he Mo'ui              | discrete | numeric   | How many times have you visit a Health Center?  |
| V1400 | healthcare_visits_2     | healthcarevisit:Public Hospital Falemahaki                               | discrete | numeric   | How many times have you visit a Public Hospital?  |
| V1401 | healthcare_visits_3     | healthcarevisit:Private Hospital   | discrete | numeric   | How many times have you visit a Private Hospital?   |
| V1402 | healthcare_visits_4     | healthcarevisit:Doctor's Office 'Ofisi e toketaa                         | discrete | numeric   | How many times have you visit a Doctor's Office?  |
| V1403 | healthcare_visits_5     | healthcarevisit:Other  | discrete | numeric   | How many times have you visit Other?  |
| V1404 | health_center           | health_center_times_visited  | contin   | numeric   | How many times have you visited a Health center?  |
| V1405 | public_hospital         | public_hospital_times_visited  | discrete | numeric   | How many times have you visited a Public Hospital?  |
| V1406 | private_hospital        | private_hospital_times_visited   | discrete | numeric   | How many times have you visited a Private Hospital?   |
| V1407 | doctor_office           | doctor_office_times_visited  | discrete | numeric   | How many times have you visited a Doctor Office?  |
| V1408 | other_healthcare        | other_healthcare_times_visited   | discrete | numeric   | How many times have you visited to other health facility?   |
| V1409 | specify_otherhealthcare | specify_otherhealthcare  | discrete | numeric   | Please specify this Other Health Care   |
| V1410 | healthcare_fee          | HC10a. Health care provider's fees Totongi e senita/kiliniki ki he mo'ui | discrete | character | DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL? Health care provider's fees? |

| ID    | Name               | Label                                   | Type     | Format    | Question   |
|-------|--------------------|---|----------|-----------|--|
| V1411 | medicine_fee       | HC10b. Medicines fees Totongi Fo'i'akau | discrete | character | DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL? Medicines?    |
| V1412 | tests_fee          | HC10c. Tests Ngaahi sivi                | discrete | character | DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL? Tests         |
| V1413 | transport_fee      | transport_fee                           | discrete | character | Transport: DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?    |
| V1414 | other_fee          | other_fee                               | discrete | character | Other: DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?        |
| V1415 | total_fee          | total_fee                               | discrete | character | Total Amount: DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL? |
| V1416 | healthcare_payment | healthcare_payment                      | contin   | numeric   | During the past 30 days, how much did you pay yourself for health care not related to any visit of a health care facility or hospital, such as routine medication?           |
| V1417 | hospitalized       | hospitalized                            | discrete | numeric   | During the past 12 months, have you been hospitalized due to an NCD?   |
| V1418 | hospitalized_days  | hospitalized_days                       | contin   | numeric   | During the past 12 months, how many days have you been hospitalized due to an NCD?   |

| ID    | Name                    | Label                   | Type     | Format    | Question  |
|-------|-------------------------|-------------------------|----------|-----------|---|
| V1419 | healthcarefee           | healthcarefee           | contin   | numeric   | Health care provider's fees: DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?                 |
| V1420 | healthcarefee_medicine  | healthcarefee medicine  | discrete | character | Medicines: DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?                                   |
| V1421 | healthcarefee_tests     | healthcarefee_tests     | discrete | character | Tests: DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?                                       |
| V1422 | healthcarefee_transport | healthcarefee_transport | discrete | character | Transport: DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?                                   |
| V1423 | healthcarefee_other     | healthcarefee_other     | discrete | character | Other: DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?                                       |
| V1424 | healthcarefee_total     | healthcarefee_total     | discrete | character | Total Amount: DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?                                |
| V1425 | care_for                | care_for                | discrete | numeric   | Please think about home care from family members and/or friends because of an NCD you have. During the past 30 days, has a family member or friend provided care for you at home due to your NCD? |

| ID    | Name                 | Label  | Type     | Format  | Question   |
|-------|----------------------|--|----------|---------|--|
| V1426 | Care_hrsWk           | Care_hrsWk   | contin   | numeric | During the past 30 days, how many hours per week has this person/have these people provided care for you?  |
| V1427 | missed_activity      | missed_activity  | discrete | numeric | Please think about the time you couldn't do your usual activity (for example, work, work at home, study) because of an NCD you have. During the past 30 days, have you missed any time of your usual activity (work, work at home, study) due to an NCD? |
| V1428 | missed_activity_days | missed_activity_days   | contin   | numeric | During the past 30 days, how many days of your usual activity have you missed due to an NCD?   |
| V1429 | healthcare_access    | Healthcare Access  | discrete | numeric | In the last 6 months, to what extent have you been able to access health services as much as you needed?   |
| V1430 | reasons__1           | Reasons:Lack of information                                    | contin   | numeric | What are the reasons / difficulties for not being able to access health services as much as you needed?  |
| V1431 | reasons__2           | Reasons:No services/facility                                   | contin   | numeric | What are the reasons / difficulties for not being able to access health services as much as you needed?  |
| V1432 | reasons__3           | Reasons:Physical accessibility                                 | contin   | numeric | What are the reasons / difficulties for not being able to access health services as much as you needed?  |
| V1433 | reasons__4           | Reasons:Negative attitudes towards you at the service/facility | contin   | numeric | What are the reasons / difficulties for not being able to access health services as much as you needed?  |
| V1434 | reasons__5           | Reasons:Cost of service/facility                               | contin   | numeric | What are the reasons / difficulties for not being able to access health services as much as you needed?  |
| V1435 | reasons__6           | Reasons:Difficulty getting to service/facility                 | contin   | numeric | What are the reasons / difficulties for not being able to access health services as much as you needed?  |

| ID    | Name              | Label  | Type     | Format    | Question  |
|-------|-------------------|--|----------|-----------|---|
| V1436 | reasons__7        | Reasons:Absence of personal assistance                                 | contin   | numeric   | What are the reasons / difficulties for not being able to access health services as much as you needed?   |
| V1437 | reasons__8        | Reasons:Family did not want me to access services/facilities           | contin   | numeric   | What are the reasons / difficulties for not being able to access health services as much as you needed?   |
| V1438 | reasons__9        | Reasons:Family has difficulty assisting me to access services/facility | contin   | numeric   | What are the reasons / difficulties for not being able to access health services as much as you needed?   |
| V1439 | reasons__10       | Reasons:Healthy  | contin   | numeric   | What are the reasons / difficulties for not being able to access health services as much as you needed?   |
| V1440 | most_reasons      | Most   | discrete | numeric   | Among the reasons you have listed, which one has limited your access to health services the most?   |
| V1441 | physical_measure  | physical_measure   | discrete | numeric   | Do you want to continue by taking some Measurements   |
| V1442 | interviewer_id    | Interviewer Id   | discrete | character | Interviewer ID  |
| V1443 | device_id         | device ID  | discrete | character | Device ID for blood pressure  |
| V1444 | systolic_1        | Systolic 1   | contin   | numeric   | Systolic ( mmHg)  |
| V1445 | diastolic_1       | Diastolic 1  | contin   | numeric   | Diastolic (mmHg)  |
| V1446 | heart_11          | heart reading 1  | contin   | numeric   | Heart Rate  |
| V1447 | systolic_2        | Systolic 2   | contin   | numeric   | Systolic ( mmHg)  |
| V1448 | diastolic_2       | Diastolic 2  | contin   | numeric   | Diastolic (mmHg)  |
| V1449 | heart_2           | heart reading 2  | contin   | numeric   | Heart Rate  |
| V1450 | systolic_3        | Systolic 3   | contin   | numeric   | Systolic ( mmHg)  |
| V1451 | diastolic_3       | Diastolic 3  | contin   | numeric   | Diastolic (mmHg)  |
| V1452 | heart_3           | heart reading 3  | contin   | numeric   | Heart Rate  |
| V1453 | dr_treated        | doc treated  | discrete | numeric   | During the past two weeks, have you been treated for raised blood pressure with drugs (medication) prescribed by a doctor or other health worker? |
| V1454 | pregnant          | pregnant   | discrete | numeric   | Are you pregnant?   |
| V1455 | Interviewer_Id_HW | Interviewer Id HeightWeight  | discrete | character | Interviewer ID  |
| V1456 | height_id         | height ID  | discrete | character | Device IDs for height   |



| ID    | Name              | Label  | Type     | Format    | Question   |
|-------|-------------------|--|----------|-----------|--|
| V1457 | weight_id         | weight ID  | discrete | character | Device IDs for weight  |
| V1458 | height_reading    | height reading   | contin   | numeric   | Height in Centimetres (cm)   |
| V1459 | weight_reading    | weight reading   | contin   | numeric   | Weight in Kilograms (kg)   |
| V1460 | waist_id          | waist ID   | discrete | character | Device IDs for waist   |
| V1461 | waist_reading     | waist reading  | contin   | numeric   | Waist circumference in Centimetres (cm)  |
| V1462 | hip_circumference | Hip circumference  | contin   | numeric   | Hip circumference in Centimetres (cm)  |
| V1463 | biochem_measure   | biochem_measure  | discrete | numeric   | Do you want to continue by taking some Biochemical Measurements  |
| V1464 | fasting           | fasting  | discrete | numeric   | During the past 12 hours have you had anything to eat or drink, other than water?  |
| V1465 | tech_id           | Technical ID   | discrete | character | Technician ID  |
| V1466 | biodevice_id      | Device ID  | discrete | character | Device ID  |
| V1467 | bloodglucose_hrs  | blood glucose hrs  | contin   | numeric   | Hours: TIME OF DAY BLOOD SPECIMEN TAKEN (24 HOUR CLOCK)  |
| V1468 | bloodglucose_min  | Blood glucose Minutes  | contin   | numeric   | Minutes: TIME OF DAY BLOOD SPECIMEN TAKEN (24 HOUR CLOCK)  |
| V1469 | cardio_glucose    | fasting blood glucose  | contin   | numeric   | Cadio-Check (MMOL/L)   |
| V1470 | accu_glucose      | B5b. Fasting blood glucose Accu Check (MMOL/L) Lahi e suka 'i he toto__ hili e ' | contin   | numeric   | Accu-Check (MMOL/L)  |
| V1471 | medicine_glucose  | take medicine raised glucose   | discrete | numeric   | Today, have you taken insulin or other drugs (medication) that have been prescribed by a doctor or other health worker for raised blood glucose? |
| V1472 | lipids_device_id  | Device ID  | discrete | character | BLOOD LIPIDS Device ID   |
| V1473 | ttl_cholesterol   | Total Cholesterol  | contin   | numeric   | Total Cholesterol: MMOL/L  |
| V1474 | treated_choles    | treated raised cholesterol   | discrete | numeric   | During the past two weeks, have you been treated for raised cholesterol with drugs (medication) prescribed by a doctor or other health worker?   |
| V1475 | urine_device_id   | Urine Device ID  | discrete | character | Device ID  |
| V1476 | urine_tech_id     | Technical ID Urine   | discrete | character | Technician ID  |
| V1477 | fasting_urine     | fasting urine  | discrete | numeric   | Had you been fasting prior to the urine collection?  |

| ID    | Name                      | Label  | Type     | Format    | Question  |
|-------|---------------------------|--|----------|-----------|---|
| V1478 | urine_hours               | urine hours  | contin   | numeric   | Hours: TIME OF DAY URINE SAMPLE TAKEN (24 HOUR CLOCK)                                   |
| V1479 | urine_minutes             | urine Minutes  | contin   | numeric   | Minutes: TIME OF DAY URINE SAMPLE TAKEN (24 HOUR CLOCK)                                 |
| V1480 | consent_cervical_cancer   | Cervical Cancer Consent  | discrete | numeric   | Do we get the consent from you to ask you questions about Cervical Cancer?              |
| V1481 | consent_contraceptive_use | Contraceptive Use Consent  | discrete | numeric   | Do we get the consent from you to ask you questions about Contraceptive Use?            |
| V1482 | consent_safe_sex          | Safe Sex Consent   | discrete | numeric   | Do we get the consent from you to ask you questions about Safe Sex?                     |
| V1483 | kap_time                  | KAP interview time starts  | discrete | character | Tap below to record the Date and time when you start with the KAP interview             |
| V1484 | children                  | Number of Children   | discrete | numeric   | How many children do you have?  |
| V1485 | know_cervical_cancer      | know cervical cancer   | discrete | numeric   | What do you know about cervical cancer?   |
| V1486 | anyone_cancer             | know of who has cervical cancer  | discrete | numeric   | Do you know of anyone who has had cervical cancer?                                      |
| V1487 | had_cervical_cancer       | had cervical cancer in family  | discrete | numeric   | Has anybody in your family had cervical cancer (including yourself)?                    |
| V1488 | factors_risk_1            | factors increase cervical cancer risk:Having sexual intercourse at an early age  | discrete | numeric   | What are some of the factors that can increase the risk of getting cervical cancer?.... |
| V1489 | factors_risk_2            | factors increase cervical cancer risk:Having many sexual partners - Mohe fakaema | discrete | numeric   | What are some of the factors that can increase the risk of getting cervical cancer?.... |
| V1490 | factors_risk_3            | factors increase cervical cancer risk:Exposed to Human Papilloma Virus (HPV) - M | discrete | numeric   | What are some of the factors that can increase the risk of getting cervical cancer?.... |
| V1491 | factors_risk_4            | factors increase cervical cancer risk:Smoking - Mama tapaka                      | discrete | numeric   | What are some of the factors that can increase the risk of getting cervical cancer?.... |
| V1492 | factors_risk_5            | factors increase cervical cancer risk:Having many children - Fanau tokolahi      | discrete | numeric   | What are some of the factors that can increase the risk of getting cervical cancer?.... |

| ID    | Name            | Label  | Type     | Format  | Question  |
|-------|-----------------|--|----------|---------|---|
| V1493 | factors_risk__6 | factors increase cervical cancer risk:Family history of cervical cancer - Hisito | discrete | numeric | What are some of the factors that can increase the risk of getting cervical cancer?.... |
| V1494 | factors_risk__7 | factors increase cervical cancer risk:Don't know - 'Ikai ha 'ilo kiai            | discrete | numeric | What are some of the factors that can increase the risk of getting cervical cancer?.... |
| V1495 | know_papsmear   | know papsmear  | discrete | numeric | Do you know what a pap smear is?.....   |
| V1496 | test_for        | papsmear test for  | discrete | numeric | Who should have a pap smear done?   |
| V1497 | K216__1         | who have papsmear:Any woman who has had sex - Koha fefine pe kuo 'osi mohe fakam | discrete | numeric | Who should have a pap smear done?   |
| V1498 | K216__2         | who have papsmear:Women with children - koha fefine pe kuo ne 'osi fanau'I mai h | discrete | numeric | Who should have a pap smear done?   |
| V1499 | K216__3         | who have papsmear:Women still having periods - koe fefine kotoa 'oku kei puke he | discrete | numeric | Who should have a pap smear done?   |
| V1500 | K216__4         | who have papsmear:Don't know - 'ikai ha 'ilo kiai                                | discrete | numeric | Who should have a pap smear done?   |
| V1501 | K217            | often women getting papsmear   | discrete | numeric | How often should women go for a pap smear?  |
| V1502 | K218            | why papsmear for women   | discrete | numeric | Why is a Pap smear screening done for women?  |
| V1503 | k219            | had papsmear   | discrete | numeric | Have you had a Pap smear test before?   |
| V1504 | k2191           | how long   | discrete | numeric | If yes, how long ago did you have it?   |
| V1505 | k2192__1        | experience:It was fine - Fakafiemalie pe   | discrete | numeric | What was the experience like? (Answers can be more than 1)                              |
| V1506 | k2192__2        | experience:It was embarrassing - Na'ake ongo'i ma                                | discrete | numeric | What was the experience like? (Answers can be more than 1)                              |
| V1507 | k2192__3        | experience:It was uncomfortable - Na'a ke ongo'i faingata'a'ia                   | discrete | numeric | What was the experience like? (Answers can be more than 1)                              |
| V1508 | k2192__4        | experience:It was painful - Na'ake mamahi'ia                                     | discrete | numeric | What was the experience like? (Answers can be more than 1)                              |
| V1509 | k2192__5        | experience:No response - 'ikai ke 'iai ha tali pau ia                            | discrete | numeric | What was the experience like? (Answers can be more than 1)                              |
| V1510 | k2110__1        | why no papsmear:It is difficult to take time off work - Faingata'a ke ma'u ha ta | discrete | numeric | If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....           |

| ID    | Name     | Label  | Type     | Format  | Question  |
|-------|----------|--|----------|---------|---|
| V1511 | k2110__2 | why no papsmear:It is difficult to get to a Pap smear clinic - 'Oku faingata'a k | discrete | numeric | If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....                 |
| V1512 | k2110__3 | why no papsmear:My friend/relative had an unpleasant experience - Ko hoku ngaahi | discrete | numeric | If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....                 |
| V1513 | k2110__4 | why no papsmear:I'm afraid to have a pap smear - 'Oku ou ilifia au ke 'ai ha tes | discrete | numeric | If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....                 |
| V1514 | k2110__5 | why no papsmear:I'm afraid of the results - 'Oku ou ilifia au he ola e sivi      | discrete | numeric | If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....                 |
| V1515 | k2110__6 | why no papsmear:I don't know what a pap smear is - 'Oku 'ikai keu 'ilo 'eau pe k | discrete | numeric | If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....                 |
| V1516 | k2111    | have future papsmear   | discrete | numeric | Are you planning to have or continue a Pap smear test in future?.....'                        |
| V1517 | k2112    | recommend papsmear   | discrete | numeric | Would you recommend that your relatives and friends have pap smears?.....                     |
| V1518 | k2113    | papsmear clinic  | discrete | numeric | Where is the closest Pap smear clinic from your home?.....'                                   |
| V1519 | k2114    | preference   | discrete | numeric | Who do you prefer to carry out your Pap smear test?.....                                      |
| V1520 | k221     | pregnant how   | discrete | numeric | How does one get pregnant?  |
| V1521 | K222     | avoid pregnant   | discrete | numeric | Do you know how one can avoid getting pregnant?   |
| V1522 | K223     | contraceptive avoid pregnant   | discrete | numeric | Which contraceptive or FP can protect against both pregnancy and STI Infection?               |
| V1523 | K224     | contraceptive after sex  | discrete | numeric | If someone had sex and had not used a contraceptive. What can they do to prevent a pregnancy? |
| V1524 | K225     | sexual relationship  | discrete | numeric | Have you ever been in a sexual relationship?  |
| V1525 | K226     | used contraceptive   | discrete | numeric | Have you ever used a contraceptive or family planning   |
| V1526 | K2261__1 | why use contraceptive:To prevent pregnancy - Ke 'oua 'e feitama                  | discrete | numeric | Why did you choose to use contraceptive   |

| ID    | Name     | Label  | Type     | Format  | Question   |
|-------|----------|--|----------|---------|--|
| V1527 | K2261__2 | why use contraceptive:To prevent STI's - Ke malu'I mei he mahaki pipihi e fe'aau | discrete | numeric | Why did you choose to use contraceptive  |
| V1528 | K2261__3 | why use contraceptive:Prevent Both Pregnancy & STI's - Ke malu'i koe mei he feit | discrete | numeric | Why did you choose to use contraceptive  |
| V1529 | K2261__4 | why use contraceptive:Because my Partner wanted me to use it - Na'e fiema'u 'e h | discrete | numeric | Why did you choose to use contraceptive  |
| V1530 | K2261__5 | why use contraceptive:I heard it was a good idea from a friend - Na'e talamai 'e | discrete | numeric | Why did you choose to use contraceptive  |
| V1531 | K2261__6 | why use contraceptive:Was asked by a Nurse/Doctor - Na'e talamai/fokotu'u mai 'e | discrete | numeric | Why did you choose to use contraceptive  |
| V1532 | K2261__7 | why use contraceptive:Don't know - 'Ikai ha 'ilo kiai                            | discrete | numeric | Why did you choose to use contraceptive  |
| V1533 | K2262    | which contraceptive used   | discrete | numeric | What contraceptive / Family Planning did you use?  |
| V1534 | K227     | ever pregnant  | discrete | numeric | Have you ever been pregnant?   |
| V1535 | K2271    | pregnanat how many times   | discrete | numeric | How many times have you ever been pregnant?  |
| V1536 | K2272    | Number of Children planned   | discrete | numeric | How many of your children were planned?  |
| V1537 | K228     | problems from family planning  | discrete | numeric | Did you have any problems that you think you had because of the family planning method you were using? |
| V1538 | K229__1  | reason for not using family planning:Not sexually active - Te'eki keu 'ilo tanga | discrete | numeric | If you did not use family planning then what was the main reason for this?                             |
| V1539 | K229__2  | reason for not using family planning:Did not know what to do - 'Ikai keu 'ilo 'e | discrete | numeric | If you did not use family planning then what was the main reason for this?                             |
| V1540 | K229__3  | reason for not using family planning:Did not know where to get it from - 'Ikai k | discrete | numeric | If you did not use family planning then what was the main reason for this?                             |
| V1541 | K229__4  | reason for not using family planning:Religious restrictions - 'UHINGA fakalotu   | discrete | numeric | If you did not use family planning then what was the main reason for this?                             |
| V1542 | K229__5  | reason for not using family planning:Partner did not want us to use it - 'ikai k | discrete | numeric | If you did not use family planning then what was the main reason for this?                             |
| V1543 | K229__6  | reason for not using family planning:Mother/ Mother in Law did not want me to us | discrete | numeric | If you did not use family planning then what was the main reason for this?                             |
| V1544 | K229__7  | reason for not using family planning:Thought it would interfere with sexual acti | discrete | numeric | If you did not use family planning then what was the main reason for this?                             |

| ID    | Name     | Label  | Type     | Format  | Question   |
|-------|----------|--|----------|---------|--|
| V1545 | K229__8  | reason for not using family planning:Was afraid of what it might do to me and it | discrete | numeric | If you did not use family planning then what was the main reason for this? |
| V1546 | K229__9  | reason for not using family planning:It might decrease fertility rate - Na'a ues | discrete | numeric | If you did not use family planning then what was the main reason for this? |
| V1547 | K229__10 | reason for not using family planning:high cost - Na'a 'oku fu'u mamafa           | discrete | numeric | If you did not use family planning then what was the main reason for this? |
| V1548 | K229__11 | reason for not using family planning:lack of knowledge - Si'isi'I e 'ilo ki he n | discrete | numeric | If you did not use family planning then what was the main reason for this? |
| V1549 | K231     | heard of safe sex  | discrete | numeric | Have you ever heard of "safe sex"?   |
| V1550 | K232     | where  | discrete | numeric | Where did you hear it from?  |
| V1551 | K233     | what is safe sex   | discrete | numeric | What is safe sex?  |
| V1552 | k2341    | heard of STI   | discrete | numeric | Have you ever heard of the following STIs?                                 |
| V1553 | k2342__1 | heard of STI where:Gonorrhea - Konalia   | discrete | numeric | Which of the following STIs have you ever heard of?                        |
| V1554 | k2342__2 | heard of STI where:Syphilis - Sifilisi   | discrete | numeric | Which of the following STIs have you ever heard of?                        |
| V1555 | k2342__3 | heard of STI where:Chlamydia - Kalamitia   | discrete | numeric | Which of the following STIs have you ever heard of?                        |
| V1556 | k2342__4 | heard of STI where:Genital Herpes - pala mamahi he fakafefine/hepisi             | discrete | numeric | Which of the following STIs have you ever heard of?                        |
| V1557 | k2342__5 | heard of STI where:Genital warts - lefetona he fakafefine/uooti                  | discrete | numeric | Which of the following STIs have you ever heard of?                        |
| V1558 | k2342__6 | heard of STI where:Haven't heard of any of the above                             | discrete | numeric | Which of the following STIs have you ever heard of?                        |
| V1559 | K235__1  | how to get STI:Having unprotected sex - Fehokotaki fakamali 'ikai ke ngaue'aki e | discrete | numeric | How can someone get an STI?  |
| V1560 | K235__2  | how to get STI:Having many sexual partners - Fehokotaki fakamali mo ha kakai tok | discrete | numeric | How can someone get an STI?  |
| V1561 | K235__3  | how to get STI:Not using a condom - 'ikai ke ngaue'aki e konitomu ki he feohi fa | discrete | numeric | How can someone get an STI?  |
| V1562 | K235__4  | how to get STI:Using the same swimming pool - Kaukau fakataha ha fa'ahinga vai k | discrete | numeric | How can someone get an STI?  |
| V1563 | K235__5  | how to get STI:Don't know - 'ikai ha 'ilo kiai                                   | discrete | numeric | How can someone get an STI?  |

| ID    | Name       | Label  | Type     | Format  | Question   |
|-------|------------|--|----------|---------|--|
| V1564 | K236__1    | STI symptoms:Vaginal Discharge - Fa'ahinga huhu'a 'oku nanamu mei he halangatama | contin   | numeric | What are the symptoms of STI?  |
| V1565 | K236__2    | STI symptoms:Penile discharges - Fa'ahinga huhu'a 'oku ha'u mei he fakatangata   | contin   | numeric | What are the symptoms of STI?  |
| V1566 | K236__3    | STI symptoms:Burning sensation when urinating - Vevela e tu'uofi                 | contin   | numeric | What are the symptoms of STI?  |
| V1567 | K236__4    | STI symptoms:Pain during sex - Mamahi e mohe fakamali                            | contin   | numeric | What are the symptoms of STI?  |
| V1568 | K236__5    | STI symptoms:Ulcers/Rashes - 'Asi mai e ngaahi fo'l pala he 'okani fakatupu pe k | contin   | numeric | What are the symptoms of STI?  |
| V1569 | K236__6    | STI symptoms:Unusual smells from genital area - Nanamu ta'etaau e 'okani fakatup | contin   | numeric | What are the symptoms of STI?  |
| V1570 | K236__7    | STI symptoms:May have no symptoms - 'ikai ke 'iai ha fa'ahinga faka'ilonga ia 'e | contin   | numeric | What are the symptoms of STI?  |
| V1571 | K236__8    | STI symptoms:Don't know - 'Ikai ha 'ilo kiai                                     | contin   | numeric | What are the symptoms of STI?  |
| V1572 | K237__1    | action when suspected STI:Keep it a secret - Tauhi pe koe fakapulipuli pe ia     | contin   | numeric | What should one do if someone has suspected STI?   |
| V1573 | K237__2    | action when suspected STI:Go to a traditional healer - 'Alu 'o faito'o fakatonga | contin   | numeric | What should one do if someone has suspected STI?   |
| V1574 | K237__3    | action when suspected STI:Use herbal medicine - Ngaue'aki faito'o fakatonga/lau' | contin   | numeric | What should one do if someone has suspected STI?   |
| V1575 | K237__4    | action when suspected STI:Go to the nearest health center - 'Alu ki he senita mo | contin   | numeric | What should one do if someone has suspected STI?   |
| V1576 | K237__5    | action when suspected STI:Go to the STI hub center - 'Alu ki he falemahaki ki he | contin   | numeric | What should one do if someone has suspected STI?   |
| V1577 | K237__6    | action when suspected STI:Don't know - 'Ikai keu 'ilo 'eau e tali                | contin   | numeric | What should one do if someone has suspected STI?   |
| V1578 | K238       | used condom  | discrete | numeric | Have you used a condom?  |
| V1579 | K239       | use condom everytime   | discrete | numeric | Do you use a condom each time you have sexual relation?  |
| V1580 | K2310      | why not use condom over other contraceptive                                      | discrete | numeric | If you had a choice between a condom and other contraceptives, why wouldn't you choose a condom? |
| V1581 | ssSys_IRnd |  | discrete | numeric |  |





## Id (Id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 32

Valid cases: 0  
 Invalid: 0

**Description**

Interviewer code

## Island (island)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-5

Valid cases: 0  
 Invalid: 0

**Literal question**

Please enter the island.

## District (district)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-52

Valid cases: 0  
 Invalid: 0

**Literal question**

Please select the district.

## Village (village)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1101-5208

Valid cases: 0  
 Invalid: 0

**Literal question**

Please enter the village.

## Block (block)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

## Block (block)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-5208010

Valid cases: 0

Invalid: 0

**Literal question**

Please enter the block number.

## household\_number (household\_number)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-12

Valid cases: 0

Invalid: 0

**Literal question**

Household Number

## Unique individual ID (unique\_pers\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Format: numeric

Width: 9

Decimals: 0

Range: 1-4088

Valid cases: 0

Invalid: 0

## Occupied (Household\_occupied)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Format: numeric

Width: 6

Decimals: 0

Range: 1-2

Valid cases: 0

Invalid: 0

## Pedometer (pedometer)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Format: numeric

Width: 6

Decimals: 0

Range: 1-2

Valid cases: 0

Invalid: 0

urine (urine)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

Interview\_language (Interview\_language)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

consent (consent)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Consent has been read and obtained

kap (kap)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

interview\_date (interview\_date)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 0  
 Invalid: 0

## sex of respondent (sex)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 15  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Sex?

## Age (di\_age)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 18-72

Valid cases: 0  
 Invalid: 0

**Literal question**

What is the age in completed years ?

**Interviewer instructions**

Age must be between 18 and 69.

## full\_time\_study (di\_full\_time\_study)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-30

Valid cases: 0  
 Invalid: 0

**Literal question**

In total, how many years have you spent at school and in full-time study (excluding preschool)?

## Highest level of school attended (c2a\_highest\_level\_attended)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-8

Valid cases: 0  
 Invalid: 0

**Literal question**

What is the highest level of education you have completed ?

## Ethnicity (di\_identity)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-98

Valid cases: 0  
Invalid: 0

### Literal question

What is your [insert relevant ethnic group / racial group / cultural subgroup / others]background?

## Description of 'other' ethnicity (di\_identity\_other)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

### Overview

Type: Discrete  
Format: character  
Width: 8

Valid cases: 0  
Invalid: 0

### Literal question

Specify Other Ethnicity

## Marital status (di\_marital\_status)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-8

Valid cases: 0  
Invalid: 0

### Literal question

Marital status?

## Religion (di\_religion)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-98

Valid cases: 0  
Invalid: 0

### Literal question

What is your religious affiliation?

## Main activity last week (d1\_main\_activity)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

### Overview

## Main activity last week (d1\_main\_activity)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-14

Valid cases: 0  
 Invalid: 0

**Literal question**

Which of the following best describes your main work status over the past 12 months?

## older\_18 (older\_18)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-15

Valid cases: 0  
 Invalid: 0

**Universe**

People aged 18 years and over

**Literal question**

How many people older than 18 years, including yourself, live in your household?

## average\_earning (average\_earning)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-4

Valid cases: 0  
 Invalid: 0

**Literal question**

Taking the past year, can you tell me what the average earnings of the household have been in a month?

## Current\_smoke (current\_smoke)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

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

## Daily\_smoke (daily\_smoke)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

## Daily\_smoke (daily\_smoke)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Do you currently smoke tobacco products daily?

## start\_smoke (start\_smoke)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 5-99

Valid cases: 0  
 Invalid: 0

**Literal question**

How old were you when you first started smoking?

**Interviewer instructions**

Age 5-99

## in\_years (in\_years)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 10-95

Valid cases: 0  
 Invalid: 0

**Pre question**

current\_smoke==1

**Literal question**

DO YOU REMEMBER HOW LONG AGO IT WAS? (in years)

## in\_months (in\_months)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Pre question**

current\_smoke==1

**Literal question**

DO YOU REMEMBER HOW LONG AGO IT WAS? (in months)

in\_days (in\_days)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0

Valid cases: 0  
Invalid: 0

#### Pre question

current\_smoke==1

#### Literal question

DO YOU REMEMBER HOW LONG AGO IT WAS? (in days)

types\_smoke:Manufactured cigarettes (sikaleti ngaahi)

(types\_smoke\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

Do you smoke these products?

types\_smoke:Hand-rolled cigarettes (sikaleti takai) (types\_smoke\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

Do you smoke these products?

types\_smoke:Pipes full of tobacco (paipa) (types\_smoke\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-0

Valid cases: 0  
Invalid: 0

#### Literal question

Do you smoke these products?



types\_smoke:Cigars, cheroots, cigarillos (sikaa) (types\_smoke\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-0

Valid cases: 0  
Invalid: 0

#### Literal question

Do you smoke these products?

types\_smoke:Local Tobacco (Tapaka Tonga) (types\_smoke\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

Do you smoke these products?

types\_smoke:Other (Sikaleti makehe ange) (types\_smoke\_\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-0

Valid cases: 0  
Invalid: 0

#### Literal question

Do you smoke these products?

Manufactured Cigarette (manufactured\_cigarettes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Literal question

How many Manufactured cigarettes do you smoke daily?

manufacture\_cigarettes (manufactured\_daily)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

## manufacture\_cigarettes (manufactured\_daily)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 1-99

**Literal question**

How many Manufactured cigarettes do you smoke daily?

## manufacture\_cigarettes\_weekly (manufactured\_weekly)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 1-99

**Literal question**

How many Hand-rolled cigarettes do you smoke weekly?

## Handrolled Cigarettes (handrolled\_cigarettes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 1-2

**Literal question**

How many Hand-rolled cigarettes do you smoke daily?

## handroll daily cigarettes (handrolled\_daily)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 1-40

**Literal question**

How many Hand-rolled cigarettes do you smoke daily?

## handroll weekly cigarettes (handrolled\_weekly)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

## handroll weekly cigarettes (handrolled\_weekly)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-15

Valid cases: 0  
 Invalid: 0

**Literal question**

How many Hand-rolled cigarettes do you smoke weekly?

## Pipe (pipe)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

How many Pipes full of tobacco do you smoke daily?

## smoke\_pipes (smoke\_pipes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

How many Pipes full of tobacco do you smoke daily?

## Pipe Weekly (pipe\_weekly)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

How many Pipes full of tobacco do you smoke weekly?

## Cigars, cheroots, cigarillos (cigar)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

## Cigars, cheroots, cigarillos (cigar)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

How many Cigars, cheroots, cigarillos do you smoke daily?

## Cigars, cheroots, cigarillos Daily (cigar\_daily)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

How many Cigars, cheroots, cigarillos do you smoke daily?

## smoke\_cigars (cigar\_weekly)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

How many Cigars, cheroots, cigarillos do you smoke weekly?

## Local Tobacco (local\_tobacco)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

How many Local Tobacco cigarettes do you smoke daily?

## Local Tobacco Daily (localtobacco\_daily)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

## Local Tobacco Daily (localtobacco\_daily)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 1-80

**Literal question**

How many Local Tobacco cigarettes do you smoke daily?

## Local Tobacco Weekly (localtobacco\_weekly)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 1-25

**Literal question**

How many Local Tobacco cigarettes do you smoke daily?

## specify\_smoke (specify\_smoke)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

**Pre question**

other\_product==1

**Literal question**

Specify the other products smoke.

## Other Tobacco (other\_tobacco)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 1-2

**Pre question**

other\_product==1

**Literal question**

Is there any other products you smoke not on the list?

## Other Tobacco Daily (othertobacco\_daily)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

Is there any other products you smoke not on the list? Daily

## Other Tobacco Weekly (othertobacco\_weekly)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

Is there any other products you smoke not on the list? Weekly

## stop\_smoke (stop\_smoke)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Pre question**

current\_smoke==1

**Literal question**

During the past 12 months, have you tried to stop smoking?

## advise\_quit (advise\_quit)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

**Pre question**

current\_smoke==1

**Literal question**

During any visit to a doctor or other health worker in the past 12 months, were you advised to quit smoking tobacco?

past\_smoke (past\_smoke)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Pre question**

current\_smoke==2

**Literal question**

In the past, did you ever smoke any tobacco products? (USE SHOWCARD)

eversmoke\_daily (eversmoke\_daily)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Pre question**

current\_smoke==1

**Literal question**

In the past, did you ever smoke daily?

Age\_stop\_smoke (Age\_stop\_smoke)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-99

Valid cases: 0  
 Invalid: 0

**Pre question**

current\_smoke==2

**Literal question**

How old were you when you stopped smoking?

someone\_smoke (someone\_smoke)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past 30 days, did someone smoke in your home?

smoke\_workplace (smoke\_workplace)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past 30 days, did someone smoke in closed areas in your workplace (in the building, in a work area or a specific office)?

consume\_alcohol (consume\_alcohol)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Have you ever consumed any alcohol such as beer, wine, spirits or [add other local examples]?

alcohol\_12 months (alcohol\_12months)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Pre question**

consume\_alcohol==1

**Literal question**

Have you consumed any alcohol within the past 12 months?

stop\_due\_health (stop\_due\_health)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Pre question**

alcohol\_12months==2

**Literal question**

Have you stopped drinking due to health reasons, such as a negative impact on your health or on the advice of your doctor or other health worker?



how\_frequent (how\_frequent)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-6

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past 12 months, how frequently have you had at least one standard alcoholic drink?

alcohol\_30days (alcohol\_30days)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Pre question**

alcohol\_12months==1

**Literal question**

Have you consumed any alcohol within the past 30 days?

how\_many\_occasion (how\_many\_occasion)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-3

Valid cases: 0  
 Invalid: 0

**Pre question**

alcohol\_30days==1

**Literal question**

During the past 30 days, on how many occasions did you have at least one standard alcoholic drink?

kind\_drinks:Beers (VB, Foster, Heniken,) 3.5% (kind\_drinks\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-1

Valid cases: 0  
 Invalid: 0

**Pre question**

alcohol\_30days==1

**Literal question**

During the past 30 days, What kind of alcohol you did drink?

kind\_drinks:Beers ( Kingdom , Tafi, Ikale, etc.) 5% (kind\_drinks\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-0

Valid cases: 0  
Invalid: 0

#### Pre question

alcohol\_30days==1

#### Literal question

During the past 30 days, What kind of alcohol you did drink?

kind\_drinks:Wine (cups) (kind\_drinks\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-1

Valid cases: 0  
Invalid: 0

#### Pre question

alcohol\_30days==1

#### Literal question

During the past 30 days, What kind of alcohol you did drink?

kind\_drinks:Siprits (cups) (kind\_drinks\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-1

Valid cases: 0  
Invalid: 0

#### Pre question

alcohol\_30days==1

#### Literal question

During the past 30 days, What kind of alcohol you did drink?

beer\_drinks (beer\_drinks)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-0

Valid cases: 0  
Invalid: 0

#### Literal question

beer\_drinks (beer\_drinks)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

During the past 30 days, when you drank alcohol, how many standard drinks of BEER on average did you have during one drinking occasion?

beer\_drinks\_5 (beer\_drinks\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0

Valid cases: 0  
Invalid: 0

**Literal question**

During the past 30 days, when you drank alcohol, how many standard drinks of 5% BEER on average did you have during one drinking occasion?

wine\_drinks (wine\_drinks)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 12-12

Valid cases: 0  
Invalid: 0

**Literal question**

During the past 30 days, when you drank alcohol, how many standard drinks of Wine on average did you have during one drinking occasion?

sipirits\_drinks (sipirits\_drinks)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-10

Valid cases: 0  
Invalid: 0

**Literal question**

During the past 30 days, when you drank alcohol, how many standard drinks of SPIRITS on average did you have during one drinking occasion?

largest\_drinks (largest\_drinks)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-8

Valid cases: 0  
Invalid: 0

## largest\_drinks (largest\_drinks)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Pre question**

alcohol\_30days==1

**Literal question**

During the past 30 days, what was the largest number of standard drinks you had on a single occasion, counting all types of alcoholic drinks together?

## beer\_largest (beer\_largest)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-0

Valid cases: 0  
Invalid: 0

**Literal question**

During the past 30 days, what was the largest number of standard drinks (BEER) you had on a single occasion, counting all types of alcoholic drinks together?

## large\_drinks\_5 (large\_drinks\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0

Valid cases: 0  
Invalid: 0

**Literal question**

During the past 30 days, what was the largest number of standard drinks you had on a single occasion, counting all types of alcoholic drinks together?

## large\_wine\_drinks (large\_wine\_drinks)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 5-5

Valid cases: 0  
Invalid: 0

**Literal question**

During the past 30 days, what was the largest number of wine drinks you had on a single occasion, counting all types of alcoholic drinks together?

## sipirits\_drinks\_large (sipirits\_drinks\_large)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

sipirits\_drinks\_large (sipirits\_drinks\_large)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-10

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past 30 days, what was the largest number of standard drinks you had on a single occasion, counting all types of alcoholic drinks together?

six\_more (six\_more)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-3

Valid cases: 0  
 Invalid: 0

**Pre question**

alcohol\_30days==1

**Literal question**

During the past 30 days, how many times did you have six or more standard drinks in a single drinking occasion?

Alcohol 7days (alcohol\_7days)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

**Literal question**

During each of the past 7 days, Which day you had at least one drink?

past\_7days:Monday (past\_7days\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-0

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

**Literal question**

During each of the past 7 days, Which day you had at least one drink?

past\_7days:Tuesday (past\_7days\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-0

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

**Literal question**

During each of the past 7 days, Which day you had at least one drink?

past\_7days:Wednesday (past\_7days\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-0

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

**Literal question**

During each of the past 7 days, Which day you had at least one drink?

past\_7days:Thursday (past\_7days\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-0

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

**Literal question**

During each of the past 7 days, Which day you had at least one drink?

past\_7days:Friday (past\_7days\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-1

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

past\_7days:Friday (past\_7days\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Literal question

During each of the past 7 days, Which day you had at least one drink?

past\_7days:Saturday (past\_7days\_\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-0

Valid cases: 0  
Invalid: 0

#### Universe

alcohol\_30days==1

#### Literal question

During each of the past 7 days, Which day you had at least one drink?

past\_7days:Sunday (past\_7days\_\_7)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-0

Valid cases: 0  
Invalid: 0

#### Universe

alcohol\_30days==1

#### Literal question

During each of the past 7 days, Which day you had at least one drink?

monday (monday)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0

Valid cases: 0  
Invalid: 0

#### Universe

alcohol\_30days==1

#### Literal question

How many standard drinks did you have on Monday?

Tuesday (tuesday)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

## Tuesday (tuesday)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

**Literal question**

How many standard drinks did you have on Tuesday?

## wednesday (wednesday)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

**Literal question**

How many standard drinks did you have on Wednesday?

## thursday (thursday)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

**Literal question**

How many standard drinks did you have on thursday?

## friday (friday)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 10-10

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

**Literal question**

How many standard drinks did you have on Friday?



saturday (saturday)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

**Literal question**

How many standard drinks did you have on Saturday?

sunday (sunday)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Universe**

alcohol\_30days==1

**Literal question**

How many standard drinks did you have on Sunday?

consume\_homebrewed (consume\_homebrewed)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Pre question**

alcohol\_30days==1

**Literal question**

During the past 7 days, did you consume any homebrewed alcohol, any alcohol brought over the border/from another country, any alcohol not intended for drinking or other untaxed alcohol?

brewed\_types:Homebrewed spirits, e.g. moonshine (brewed\_types\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-1

Valid cases: 0  
 Invalid: 0

**Pre question**

consume\_homebrewed==1

brewed\_types:Homebrewed spirits, e.g. moonshine (brewed\_types\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Literal question

Which of the following did you consume during the past 7 days?

brewed\_types:Homebrewed beer or wine, e.g. beer, palm or fruit wine (brewed\_types\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-0

Valid cases: 0  
Invalid: 0

#### Pre question

consume\_homebrewed==1

#### Literal question

Which of the following did you consume during the past 7 days?

brewed\_types:Alcohol brought over the border/from another country (brewed\_types\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-0

Valid cases: 0  
Invalid: 0

#### Pre question

consume\_homebrewed==1

#### Literal question

Which of the following did you consume during the past 7 days?

brewed\_types:Alcohol not intended for drinking, e.g. alcohol-based medicines, pe (brewed\_types\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-0

Valid cases: 0  
Invalid: 0

#### Pre question

consume\_homebrewed==1

#### Literal question

Which of the following did you consume during the past 7 days?

brewed\_types:Other untaxed alcohol in the country (brewed\_types\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-0

Valid cases: 0  
Invalid: 0

#### Pre question

consume\_homebrewed==1

#### Literal question

Which of the following did you consume during the past 7 days?

A12a. On average, how many standard drinks of Homebrewed spirits, e.g. moonshine (brewed\_spirit)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 2-2

Valid cases: 0  
Invalid: 0

#### Literal question

On average, how many standard drinks of Homebrewed beer or wine, e.g. beer, palm or fruit wine consume during the past 7 days?

brewed\_beer (brewed\_beer)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0

Valid cases: 0  
Invalid: 0

#### Literal question

On average, how many standard drinks of Homebrewed beer or wine, e.g. beer, palm or fruit wine consume during the past 7 days?

over\_boarder (over\_boarder)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0

Valid cases: 0  
Invalid: 0

#### Literal question

On average, how many standard drinks of Alcohol brought over the border/from another country consume during the past 7 days?

## Not Intended (not\_intended)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

On average, how many standard drinks of Alcohol not intended for drinking, e.g. alcohol-based medicines, perfumes, after shaves during the past 7 days.

## Not Intended (not\_intend)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

On average, how many standard drinks of Alcohol not intended for drinking, e.g. alcohol-based medicines, perfumes, after shaves consume during the past 7 days?

## Other Untax (other\_untax)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

On average, how many standard drinks of Other untaxed alcohol in the country consume during the past 7 days?

## Not Intended (other\_untaxed)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

On average, how many standard drinks of Other untaxed alcohol in the country during the past 7 days.

## someone\_drink (someone\_drink)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

someone\_drink (someone\_drink)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-5

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past 12 months, have you had family problems or problems with your partner due to someone else's drinking?

kava\_use (kava\_use)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Have you ever tried or drunk kava/nangkona n the past 12 months?

time\_spend (time\_spend)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-15

Valid cases: 0  
 Invalid: 0

**Pre question**

kava\_use==1

**Literal question**

How long do you usually spend drinking kava in a session?

smoke\_kava (smoke\_kava)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Pre question**

kava\_use==1

**Literal question**

Do you usually smoke during or after drinking kava ?

eat\_kava (eat\_kava)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Pre question**

kava\_use==1

**Literal question**

Do you usually eat during or after drinking kava?

food\_eat:Soft Drinks (food\_eat\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Pre question**

kava\_use==1

**Literal question**

If yes, what type of food and drink?

food\_eat:Sweets (food\_eat\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Pre question**

kava\_use==1

**Literal question**

If yes, what type of food and drink?

food\_eat:Salted Snacks (food\_eat\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Pre question**

kava\_use==1

food\_eat:Salted Snacks (food\_eat\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Literal question

If yes, what type of food and drink?

food\_eat:Others (food\_eat\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

kava\_use==1

#### Literal question

If yes, what type of food and drink?

eat\_fruit (eat\_fruit)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-7

Valid cases: 0  
Invalid: 0

#### Literal question

In a typical week, on how many days do you eat fruit? (USE SHOWCARD)

serve\_day (serve\_day)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-9

Valid cases: 0  
Invalid: 0

#### Pre question

eat\_fruit>=1

#### Literal question

How many servings of fruit do you eat on one of those days? (USE SHOWCARD)

eat\_vegetables (eat\_vegetables)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

eat\_vegetables (eat\_vegetables)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-7

Valid cases: 0  
 Invalid: 0

**Literal question**

In a typical week, on how many days do you eat vegetables? (USE SHOWCARD)

serve\_day\_vegie (serve\_day\_vegie)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-9

Valid cases: 0  
 Invalid: 0

**Pre question**

eat\_vegetables >= 1

**Literal question**

How many servings of vegetables do you eat on one of those days? (USE SHOWCARD)

add\_salt (add\_salt)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-9

Valid cases: 0  
 Invalid: 0

**Literal question**

How often do you add salt or a salty sauce such as soya sauce to your food right before you eat it or as you are eating it?

salt\_cook (salt\_cook)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-9

Valid cases: 0  
 Invalid: 0

**Literal question**

How often is salt, salty seasoning or a salty sauce added in cooking or preparing foods in your household?

processed\_food (processed\_food)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv



processed\_food (processed\_food)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-9

Valid cases: 0  
 Invalid: 0

**Literal question**

How often do you eat processed food high in salt? By processed food high in salt, I mean foods that have been altered from their natural state, such as packaged salty snacks, canned salty food including pickles and preserves, salty food prepared at a fast food restaurant, cheese, bacon and processed meat [add country specific examples].

how\_much\_salt (how\_much\_salt)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-9

Valid cases: 0  
 Invalid: 0

**Literal question**

How much salt or salty sauce do you think you consume?

oil\_type:Vegetable oil (oil\_type\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What type of oil or fat is most often used for meal preparation in your household?

oil\_type:Lard or suet (oil\_type\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What type of oil or fat is most often used for meal preparation in your household?

oil\_type:Butter or ghee (oil\_type\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What type of oil or fat is most often used for meal preparation in your household?

oil\_type:Margarine (oil\_type\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What type of oil or fat is most often used for meal preparation in your household?

oil\_type:Other (oil\_type\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What type of oil or fat is most often used for meal preparation in your household?

oil\_type:None in particular (oil\_type\_\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What type of oil or fat is most often used for meal preparation in your household?

oil\_type:None used (oil\_type\_\_7)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

oil\_type:None used (oil\_type\_\_7)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What type of oil or fat is most often used for meal preparation in your household?

oil\_type:Don't know (oil\_type\_\_9)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What type of oil or fat is most often used for meal preparation in your household?

other\_oil\_type (other\_oil\_type)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 46

Valid cases: 0  
 Invalid: 0

**Literal question**

What type of oil or fat is most often used for meal preparation in your household?

meal\_not\_prepared (meal\_not\_prepared)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

**Literal question**

On average, how many meals per week do you eat that were not prepared at a home? By meal, I mean breakfast, lunch and dinner.

drink\_contain\_sugar (drink\_contain\_sugar)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

drink\_contain\_sugar (drink\_contain\_sugar)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-9

Valid cases: 0  
Invalid: 0

#### Literal question

In the last week, on how many days did you have a drink containing sugar including fizzy drinks, juice drinks (including fruit juice), cordials/drink mixes, and home made drinks with added sugar (use showcard)

serves\_sugardrink (serves\_sugardrink)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-99

Valid cases: 0  
Invalid: 0

#### Literal question

On the days when you had a drink containing sugar, how many serves did you have (use showcard. One serve being one can of drink, one large glass)

last\_week\_sugar (last\_week\_sugar)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-99

Valid cases: 0  
Invalid: 0

#### Literal question

In the last week, how often did you have a drink to which you added sugar, like milo, tea or coffee (use showcard). (If had more than one drink a day, please include this eg 10 times in last week)

spoon\_sugar (spoon\_sugar)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-9

Valid cases: 0  
Invalid: 0

#### Literal question

How many teaspoons of sugar did you add, on average, to each of these drinks

work (work)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

## work (work)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Does your work involve vigorous-intensity activity that causes large increases in breathing or heart rate like [carrying or lifting heavy loads, digging or construction work] for at least 10 minutes continuously?

## work\_days (work\_days)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-7

Valid cases: 0  
 Invalid: 0

**Pre question**

work==1

**Literal question**

In a typical week, on how many days do you do vigorous-intensity activities as part of your work?

## work\_hours (work\_hours)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-10

Valid cases: 0  
 Invalid: 0

**Literal question**

HOW MUCH TIME DO YOU SPEND DOING VIGOROUS-INTENSITY ACTIVITIES AT WORK ON A TYPICAL DAY? Hours

## work\_minutes (work\_minutes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-60

Valid cases: 0  
 Invalid: 0

**Literal question**

HOW MUCH TIME DO YOU SPEND DOING VIGOROUS-INTENSITY ACTIVITIES AT WORK ON A TYPICAL DAY? Minutes

## work small (small\_work)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Does your work involve moderate-intensity activity, that causes small increases in breathing or heart rate such as brisk walking [or carrying light loads] for at least 10 minutes continuously?

## small work days (small\_work\_days)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-50

Valid cases: 0  
 Invalid: 0

**Pre question**

small\_work==1

**Literal question**

In a typical week, on how many days do you do moderate-intensity activities as part of your work?

## small work hours (small\_work\_hours)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-15

Valid cases: 0  
 Invalid: 0

**Pre question**

small\_work==1

**Literal question**

HOW MUCH TIME DO YOU SPEND DOING VIGOROUS-INTENSITY ACTIVITIES AT WORK ON A TYPICAL DAY?

## small\_work\_minutes (small\_work\_minutes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-60

Valid cases: 0  
 Invalid: 0

**Pre question**

small\_work==1

**Literal question**

small\_work\_minutes (small\_work\_minutes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

HOW MUCH TIME DO YOU SPEND DOING VIGOROUS-INTENSITY ACTIVITIES AT WORK ON A TYPICAL DAY?

bicycle (bicycle)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Literal question

Do you walk or use a bicycle (pedal cycle) for at least 10 minutes continuously to get to and from places?

bicycle\_days (bicycle\_days)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-7

Valid cases: 0  
Invalid: 0

#### Pre question

bicycle==1

#### Literal question

HOW MUCH TIME DO YOU SPEND WALKING OR BICYCLING FOR TRAVEL ON A TYPICAL DAY?

bicycle\_hours (bicycle\_hours)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-20

Valid cases: 0  
Invalid: 0

#### Pre question

bicycle==1

#### Literal question

HOW MUCH TIME DO YOU SPEND WALKING OR BICYCLING FOR TRAVEL ON A TYPICAL DAY? Hours

bicycle\_minutes (bicycle\_minutes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

bicycle\_minutes (bicycle\_minutes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 0-55

**Pre question**

bicycle==1

**Literal question**

HOW MUCH TIME DO YOU SPEND WALKING OR BICYCLING FOR TRAVEL ON A TYPICAL DAY? Minutes

fitness (fitness)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 1-2

**Literal question**

Do you do any vigorous-intensity sports, fitness or recreational (leisure) activities that cause large increases in breathing or heart-

fitness\_days (fitness\_days)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 1-7

**Pre question**

fitness==1

**Literal question**

Do you do any vigorous-intensity sports, fitness or recreational (leisure) activities that cause large increases in breathing or heart- days

fitness\_hours (fitness\_hours)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 0-5

**Pre question**

fitness==1

**Literal question**



fitness\_hours (fitness\_hours)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Do you do any vigorous-intensity sports, fitness or recreational (leisure) activities that cause large increases in breathing or heart- hours

fitness\_minutes (fitness\_minutes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-50

Valid cases: 0  
Invalid: 0

#### Pre question

fitness==1

#### Literal question

Do you do any vigorous-intensity sports, fitness or recreational (leisure) activities that cause large increases in breathing or heart- minutes

moderate\_sport (moderate\_sport)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Literal question

HOW MUCH TIME DO YOU SPEND DOING MODERATE-INTENSITY SPORTS, FITNESS OR RECREATIONAL (LEISURE) ACTIVITIES ON A TYPICAL DAY?

moderate\_days (moderate\_days)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-7

Valid cases: 0  
Invalid: 0

#### Pre question

moderate\_sport==1

#### Literal question

HOW MUCH TIME DO YOU SPEND DOING MODERATE-INTENSITY SPORTS, FITNESS OR RECREATIONAL (LEISURE) ACTIVITIES ON A TYPICAL DAY?

moderate\_sport\_hours (moderate\_sport\_hours)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

moderate\_sport\_hours (moderate\_sport\_hours)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-6

Valid cases: 0  
Invalid: 0

#### Pre question

moderate\_sport==1

#### Literal question

HOW MUCH TIME DO YOU SPEND DOING MODERATE-INTENSITY SPORTS, FITNESS OR RECREATIONAL (LEISURE) ACTIVITIES ON A TYPICAL DAY?

moderate\_sport\_minutes (moderate\_sport\_minutes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-50

Valid cases: 0  
Invalid: 0

#### Pre question

moderate\_sport==1

#### Literal question

HOW MUCH TIME DO YOU SPEND DOING MODERATE-INTENSITY SPORTS, FITNESS OR RECREATIONAL (LEISURE) ACTIVITIES ON A TYPICAL DAY?

sitting\_minutes (sitting\_minutes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-60

Valid cases: 0  
Invalid: 0

#### Literal question

HOW MUCH TIME DO YOU USUALLY SPEND SITTING OR RECLINING ON A TYPICAL DAY?

sitting\_hours (sitting\_hours)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-20

Valid cases: 0  
Invalid: 0

#### Literal question

HOW MUCH TIME DO YOU USUALLY SPEND SITTING OR RECLINING ON A TYPICAL DAY?

ever\_measured (ever\_measured)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-2

Valid cases: 0  
Invalid: 0

#### Literal question

Have you ever had your blood pressure measured by a doctor or other health worker?

have blood (have\_blood)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Pre question

ever\_measured==1

#### Literal question

Have you ever been told by a doctor or other health worker that you have raised blood pressure or hypertension?

been told (been\_told)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Pre question

ever\_measured==1

#### Literal question

Have you been told in the past 12 months?

medicines prescribe (med\_prescribe)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Pre question

ever\_measured==1

#### Literal question

medicines prescribe (med\_prescribe)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

In the past two weeks, have you taken any drugs (medication) for raised blood pressure prescribed by a doctor or other health worker?

seen traditional (seen\_traditional)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Pre question

ever\_measured==1

#### Literal question

Have you ever seen a traditional healer for raised blood pressure or hypertension?

currently traditional (current\_traditional)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Pre question

ever\_measured==1

#### Literal question

Are you currently taking any herbal or traditional remedy for your raised blood pressure?

diabetes (diabetes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Literal question

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

taking insulin (taking\_insulin)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

## taking insulin (taking\_insulin)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Pre question**

diabetes==1 &amp;&amp; have\_diabetes==1

**Literal question**

Are you currently taking insulin for diabetes prescribed by a doctor or other health worker?

## seen traditional diabetes (seen\_traditional\_diabetes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Pre question**

diabetes==1 &amp;&amp; have\_diabetes==1

**Literal question**

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

## current traditional diabetes (current\_traditional\_diabetes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Pre question**

diabetes==1 &amp;&amp; have\_diabetes==1

**Literal question**

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

## cholesterol (cholesterol)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Have you ever had your cholesterol (fat levels in your blood) measured by a doctor or other health worker?

have cholesterol (have\_cholesterol)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Pre question

cholesterol==1

#### Literal question

Have you ever had your cholesterol (fat levels in your blood) measured by a doctor or other health worker?

been told cholesterol (been\_told\_cholesterol)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Pre question

cholesterol==1 && have\_cholesterol==1

#### Literal question

Have you been told in the past 12 months?

medicines prescribe cholesterol (med\_prescribe\_cholesterol)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Pre question

cholesterol==1 && have\_cholesterol==1

#### Literal question

In the past two weeks, have you taken any oral treatment (medication) for raised total cholesterol prescribed by a doctor or other health worker?

seen traditional cholesterol (seen\_traditional\_cholesterol)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Pre question

seen traditional cholesterol (seen\_traditional\_cholesterol)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

cholesterol==1 && have\_cholesterol==1

#### Literal question

Have you ever seen a traditional healer for raised cholesterol?

current traditional cholesterol (current\_traditional\_cholesterol)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Pre question

cholesterol==1 && have\_cholesterol==1

#### Literal question

Are you currently taking any herbal or traditional remedy for your raised cholesterol?

ever had stroke (ever\_had\_stroke)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Literal question

Have you ever had a heart attack or chest pain from heart disease (angina) or a stroke (cerebrovascular accident or incident)?

Quit Smoke (quit\_smoke)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Literal question

During the past three years, has a doctor or other health worker advised you to quit using tobacco or don't start

physical activities (physical\_activities)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

## physical activities (physical\_activities)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past three years, has a doctor or other health worker advised you to start or do more physical activity

## maintain weight (maintain\_weight)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past three years, has a doctor or other health worker advised you to do Maintain a healthy body weight or lose weight

## cervical\_cancer (cervical\_cancer)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-9

Valid cases: 0  
 Invalid: 0

**Literal question**

What do you know about cervical cancer?.....

## Difficulty in seeing (b1\_seeing)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-4

Valid cases: 0  
 Invalid: 0

**Literal question**

Do you have difficulty seeing, even if wearing glasses?

## Difficulty in hearing (b2\_hearing)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**



## Difficulty in hearing (b2\_hearing)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-4

Valid cases: 0  
 Invalid: 0

**Literal question**

Do you have difficulty hearing, even if using a hearing aid?

## Difficulty in walking or climbing (b3\_mobility)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-4

Valid cases: 0  
 Invalid: 0

**Literal question**

Do you have difficulty walking or climbing steps?

## Difficulty in remembering or concentrating (b4\_memory)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-4

Valid cases: 0  
 Invalid: 0

**Literal question**

Do you have difficulty remembering or concentrating?

## Difficulty with self-care (b5\_sefcare)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-4

Valid cases: 0  
 Invalid: 0

**Literal question**

Does you have difficulty with self-care, such as washing all over or getting dressed?

## Difficulty in communicating (b6\_communication)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

## Difficulty in communicating (b6\_communication)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-4

Valid cases: 0  
 Invalid: 0

**Literal question**

Do you have difficulty communicating using their usual language? e.g understanding or being understood by others

## health\_insurance (health\_insurance)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Do you currently have health insurance?

## current health insurance (current\_insurance)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-9

Valid cases: 0  
 Invalid: 0

**Literal question**

What kind of health insurance do you currently have?

## other insurance (other\_insurance)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 48

Valid cases: 0  
 Invalid: 0

**Literal question**

Others - Specify (insurance type)

financial source:Current income of any household members Pa'anga  
 hu mai 'a e tok (financial\_source\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

financial source:Current income of any household members Pa'anga  
hu mai 'a e tok (financial\_source\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: -999999999-1

#### Literal question

During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care?

financial source:Savings (e. g. bank account) Tohi pangike  
(financial\_source\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: -999999999-1

#### Literal question

During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care?

financial source:Payment or reimbursement from a health insurance  
plan (Totongi (financial\_source\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: -999999999-1

#### Literal question

During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care?

financial source:Sold items e. g. furniture, animals, jewellery (Ngaahi  
koloa ne (financial\_source\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: -999999999-1

#### Literal question

financial source:Sold items e. g. furniture, animals, jewellery (Ngaahi koloa ne (financial\_source\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care?

financial source:Family members or friends from outside the household (Famili, k (financial\_source\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: -999999999-1

#### Literal question

During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care?

financial source:Borrowed from someone other than a friend or family Pa'anga na' (financial\_source\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: -999999999-1

#### Literal question

During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care?

financial source:Other (Feitu'u kehe) (financial\_source\_7)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: -999999999-1

#### Literal question

During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care?

other financial source (other\_financial\_source)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

other financial source (other\_financial\_source)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: character  
Width: 133

Valid cases: 0

#### Literal question

During the past 12 months, which of the following financial sources did you use to pay for any health expenditures such as medicines, consultations, treatment, hospitalization or patient care?

current\_NCD (current\_NCD)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-2

Valid cases: 0  
Invalid: 0

#### Literal question

Have you ever had or do you currently have a non-communicable disease (NCD) such as cardiovascular disease including heart disease and stroke, cancer, chronic respiratory disease, or diabetes?

health care facility (healthcare\_facility)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-2

Valid cases: 0  
Invalid: 0

#### Literal question

Have you ever visited any health care facility due to an NCD you have? Please exclude any hospitalization.

HC6a. Travel Days (days\_travel)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-3

Valid cases: 0  
Invalid: 0

#### Literal question

HOW MUCH TIME DID YOU SPEND TRAVELING THE LAST TIME YOU VISITED A HEALTH CARE FACILITY (TAKING BOTH WAYS INTO ACCOUNT)? Days

hrs\_travel (hrs\_travel)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

hrs\_travel (hrs\_travel)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-15

Valid cases: 0  
 Invalid: 0

**Literal question**

HOW MUCH TIME DID YOU SPEND TRAVELING THE LAST TIME YOU VISITED A HEALTH CARE FACILITY (TAKING BOTH WAYS INTO ACCOUNT)? Days

HC6c. Travel Mins (mins\_travel)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-55

Valid cases: 0  
 Invalid: 0

**Literal question**

HOW MUCH TIME DID YOU SPEND TRAVELING THE LAST TIME YOU VISITED A HEALTH CARE FACILITY (TAKING BOTH WAYS INTO ACCOUNT)? Days

HC7a. Waiting Hrs (waiting\_hrs)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-4

Valid cases: 0  
 Invalid: 0

**Literal question**

HOW LONG WAS THE WAITING TIME BEFORE YOUR APPOINTMENT STARTED WHEN YOU LAST VISITED A HEALTH CARE FACILITY?

waiting\_mins (waiting\_mins)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-50

Valid cases: 0  
 Invalid: 0

**Literal question**

HOW LONG WAS THE WAITING TIME BEFORE YOUR APPOINTMENT STARTED WHEN YOU LAST VISITED A HEALTH CARE FACILITY? Mins

healthcarevisit\_30days (healthcarevisit\_30days)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past 30 days, have you visited any health care facility due to an NCD you have? Please exclude any hospitalization.

healthcarevisit:Health Center Senita (kiliniki) ki he Mo'ui  
(healthcare\_visits\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

How many times have you visit a Health Center?

healthcarevisit:Public Hospital Falemahaki (healthcare\_visits\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

How many times have you visit a Public Hospital?

healthcarevisit:Private Hospital (healthcare\_visits\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

How many times have you visit a Private Hospital?

## healthcarevisit:Doctor's Office 'Ofisi e toketaa (healthcare\_visits\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

How many times have you visit a Doctor's Office?

## healthcarevisit:Other (healthcare\_visits\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-0

Valid cases: 0  
 Invalid: 0

**Literal question**

How many times have you visit Other?

## health\_center\_times\_visited (health\_center)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-99

Valid cases: 0  
 Invalid: 0

**Literal question**

How many times have you visited a Health center?

## public\_hospital\_times\_visited (public\_hospital)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-4

Valid cases: 0  
 Invalid: 0

**Literal question**

How many times have you visited a Public Hospital?

## private\_hospital\_times\_visited (private\_hospital)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**



private\_hospital\_times\_visited (private\_hospital)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

How many times have you visited a Private Hospital?

doctor\_office\_times\_visited (doctor\_office)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-3

Valid cases: 0  
 Invalid: 0

**Literal question**

How many times have you visited a Doctor Office?

other\_healthcare\_times\_visited (other\_healthcare)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

How many times have you visited to other health facility?

specify\_otherhealthcare (specify\_otherhealthcare)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

Please specify this Other Health Care

HC10a. Health care provider's fees Totongi e senita/kililiki ki he mo'ui (healthcare\_fee)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

## HC10a. Health care provider's fees Totongi e senita/kililiki ki he mo'ui (healthcare\_fee)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete

Valid cases: 0

Format: character

Invalid: 0

Width: 20

### Literal question

DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

Health care provider's fees?

## HC10b. Medicines fees Totongi Fo'i'akau (medicine\_fee)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

### Overview

Type: Discrete

Valid cases: 0

Format: character

Invalid: 0

Width: 5

### Literal question

DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

Medicines?

## HC10c. Tests Ngaahi sivi (tests\_fee)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

### Overview

Type: Discrete

Valid cases: 0

Format: character

Invalid: 0

Width: 9

### Literal question

DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

Tests

## transport\_fee (transport\_fee)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

### Overview

Type: Discrete

Valid cases: 0

Format: character

Invalid: 0

Width: 11

### Literal question

Transport:

DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

other\_fee (other\_fee)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 4

Valid cases: 0  
 Invalid: 0

**Literal question**

Other:

DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

total\_fee (total\_fee)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 6

Valid cases: 0  
 Invalid: 0

**Literal question**

Total Amount:

DURING THE PAST 30 DAYS, TAKING ALL YOUR VISITS TO A HEALTH CARE FACILITY DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

healthcare\_payment (healthcare\_payment)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-600

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past 30 days, how much did you pay yourself for health care not related to any visit of a health care facility or hospital, such as routine medication?

hospitalized (hospitalized)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past 12 months, have you been hospitalized due to an NCD?

## hospitalized\_days (hospitalized\_days)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-122

Valid cases: 0  
 Invalid: 0

**Pre question**

hospitalize==1

**Literal question**

During the past 12 months, how many days have you been hospitalized due to an NCD?

## healthcarefee (healthcarefee)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-105

Valid cases: 0  
 Invalid: 0

**Literal question**

Health care provider's fees:

DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

## healthcarefee\_medicine (healthcarefee\_medicine)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 2

Valid cases: 0  
 Invalid: 0

**Literal question**

Medicines:

DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

## healthcarefee\_tests (healthcarefee\_tests)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 2

Valid cases: 0  
 Invalid: 0

**Literal question**

Tests:

DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

## healthcarefee\_transport (healthcarefee\_transport)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
Format: character  
Width: 4

Valid cases: 0  
Invalid: 0

**Literal question**

Transport:

DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

## healthcarefee\_other (healthcarefee\_other)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
Format: character  
Width: 4

Valid cases: 0  
Invalid: 0

**Literal question**

Other:

DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

## healthcarefee\_total (healthcarefee\_total)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
Format: character  
Width: 5

Valid cases: 0  
Invalid: 0

**Literal question**

Total Amount:

DURING THE PAST 12 MONTHS, TAKING ALL YOUR VISITS TO A HOSPITAL DUE TO AN NCD INTO ACCOUNT, HOW MUCH DID YOU PAY YOURSELF FOR THESE VISITS IN TOTAL?

## care\_for (care\_for)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-2

Valid cases: 0  
Invalid: 0

**Literal question**

Please think about home care from family members and/or friends because of an NCD you have. During the past 30 days, has a family member or friend provided care for you at home due to your NCD?

## Care\_hrsWk (Care\_hrsWk)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1600

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past 30 days, how many hours per week has this person/have these people provided care for you?

## missed\_activity (missed\_activity)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Please think about the time you couldn't do your usual activity (for example, work, work at home, study) because of an NCD you have. During the past 30 days, have you missed any time of your usual activity (work, work at home, study) due to an NCD?

## missed\_activity\_days (missed\_activity\_days)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-31

Valid cases: 0  
 Invalid: 0

**Literal question**

During the past 30 days, how many days of your usual activity have you missed due to an NCD?

## Healthcare Access (healthcare\_access)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-5

Valid cases: 0  
 Invalid: 0

**Literal question**

In the last 6 months, to what extent have you been able to access health services as much as you needed?

Reasons:Lack of information (reasons\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What are the reasons / difficulties for not being able to access health services as much as you needed?

Reasons:No services/facility (reasons\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What are the reasons / difficulties for not being able to access health services as much as you needed?

Reasons:Physical accessibility (reasons\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What are the reasons / difficulties for not being able to access health services as much as you needed?

Reasons:Negative attitudes towards you at the service/facility (reasons\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-1

Valid cases: 0  
 Invalid: 0

**Literal question**

What are the reasons / difficulties for not being able to access health services as much as you needed?

Reasons:Cost of service/facility (reasons\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Reasons:Cost of service/facility (reasons\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-1

Valid cases: 0  
Invalid: 0

#### Literal question

What are the reasons / difficulties for not being able to access health services as much as you needed?

Reasons:Difficulty getting to service/facility (reasons\_\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-1

Valid cases: 0  
Invalid: 0

#### Literal question

What are the reasons / difficulties for not being able to access health services as much as you needed?

Reasons:Absence of personal assistance (reasons\_\_7)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-1

Valid cases: 0  
Invalid: 0

#### Literal question

What are the reasons / difficulties for not being able to access health services as much as you needed?

Reasons:Family did not want me to access services/facilities (reasons\_\_8)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-1

Valid cases: 0  
Invalid: 0

#### Literal question

What are the reasons / difficulties for not being able to access health services as much as you needed?



Reasons:Family has difficulty assisting me to access services/facility (reasons\_\_9)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: -999999999-1

#### Literal question

What are the reasons / difficulties for not being able to access health services as much as you needed?

Reasons:Healthy (reasons\_\_10)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: -999999999-1

#### Literal question

What are the reasons / difficulties for not being able to access health services as much as you needed?

Most (most\_reasons)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: -999999999-10

#### Literal question

Among the reasons you have listed, which one has limited your access to health services the most?

#### Interviewer instructions

(Read out options selected in the above questions and write one option)

physical\_measure (physical\_measure)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: -999999999-2

#### Literal question

Do you want to continue by taking some Measurements

#### Interviewer instructions

Do you want to continue by taking some Physical Measurements?

## Interviewer Id (interviewer\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 7

Valid cases: 0  
 Invalid: 0

**Literal question**

Interviewer ID

## device ID (device\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 7

Valid cases: 0  
 Invalid: 0

**Literal question**

Device ID for blood pressure

**Interviewer instructions**

Device ID for blood pressure

## Systolic 1 (systolic\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-262

Valid cases: 0  
 Invalid: 0

**Literal question**

Systolic ( mmHg)

**Interviewer instructions**

Systolic ( mmHg)

## Diastolic 1 (diastolic\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-190

Valid cases: 0  
 Invalid: 0

**Literal question**

Diastolic (mmHg)

**Interviewer instructions**

Diastolic (mmHg)

## heart reading 1 (heart\_11)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-177

Valid cases: 0  
 Invalid: 0

**Pre question**

physical\_measure==1

**Literal question**

Heart Rate

## Systolic 2 (systolic\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-240

Valid cases: 0  
 Invalid: 0

**Literal question**

Systolic ( mmHg)

## Diastolic 2 (diastolic\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-199

Valid cases: 0  
 Invalid: 0

**Literal question**

Diastolic (mmHg)

## heart reading 2 (heart\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-180

Valid cases: 0  
 Invalid: 0

**Pre question**

physical\_measure==1

**Literal question**

Heart Rate

## Systolic 3 (systolic\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-235

Valid cases: 0  
 Invalid: 0

**Literal question**

Systolic ( mmHg)

## Diastolic 3 (diastolic\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-192

Valid cases: 0  
 Invalid: 0

**Literal question**

Diastolic (mmHg)

## heart reading 3 (heart\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-780

Valid cases: 0  
 Invalid: 0

**Pre question**

physical\_measure==1

**Literal question**

Heart Rate

## doc treated (dr\_treated)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Pre question**

physical\_measure==1

**Literal question**

During the past two weeks, have you been treated for raised blood pressure with drugs (medication) prescribed by a doctor or other health worker?

pregnant (pregnant)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric

Valid cases: 0  
Invalid: 0

Width: 6  
Decimals: 0  
Range: -999999999-2

#### Pre question

physical\_measure==1

#### Literal question

Are you pregnant?

Interviewer Id HeightWeight (Interviewer\_Id\_HW)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: character  
Width: 7

Valid cases: 0  
Invalid: 0

#### Pre question

physical\_measure==1

#### Literal question

Interviewer ID

height ID (height\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: character  
Width: 7

Valid cases: 0  
Invalid: 0

#### Pre question

physical\_measure==1

#### Literal question

Device IDs for height

weight ID (weight\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: character  
Width: 7

Valid cases: 0  
Invalid: 0

#### Pre question

physical\_measure==1

#### Literal question

Device IDs for weight

## height reading (height\_reading)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-197

Valid cases: 0

Invalid: 0

**Pre question**

physical\_measure==1

**Literal question**

Height in Centimetres (cm)

## weight reading (weight\_reading)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-999

Valid cases: 0

Invalid: 0

**Pre question**

physical\_measure==1

**Literal question**

Weight in Kilograms (kg)

## waist ID (waist\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Format: character

Width: 7

Valid cases: 0

Invalid: 0

**Pre question**

physical\_measure==1

**Literal question**

Device IDs for waist

## waist reading (waist\_reading)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-999

Valid cases: 0

Invalid: 0

**Pre question**

physical\_measure==1

**Literal question**

## waist reading (waist\_reading)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Waist circumference in Centimetres (cm)

## Hip circumference (hip\_circumference)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-999

Valid cases: 0

Invalid: 0

**Pre question**

physical\_measure==1

**Literal question**

Hip circumference in Centimetres (cm)

## biochem\_measure (biochem\_measure)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-2

Valid cases: 0

Invalid: 0

**Literal question**

Do you want to continue by taking some Biochemical Measurements

## fasting (fasting)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-2

Valid cases: 0

Invalid: 0

**Pre question**

biochem\_measure==1

**Literal question**

During the past 12 hours have you had anything to eat or drink, other than water?

## Technical ID (tech\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Format: character

Width: 7

Valid cases: 0

Invalid: 0

## Technical ID (tech\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Pre question**

biochem\_measure==1

**Literal question**

Technician ID

**Interviewer instructions**

Technician ID

## Device ID (biodevice\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Format: character

Width: 7

Valid cases: 0

Invalid: 0

**Pre question**

biochem\_measure==1

**Literal question**

Device ID

**Interviewer instructions**

Device ID

## blood glucose hrs (bloodglucose\_hrs)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-21

Valid cases: 0

Invalid: 0

**Literal question**

Hours:

TIME OF DAY BLOOD SPECIMEN TAKEN (24 HOUR CLOCK)

## Blood glucose Minutes (bloodglucose\_min)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-59

Valid cases: 0

Invalid: 0

**Literal question**

Minutes:

TIME OF DAY BLOOD SPECIMEN TAKEN (24 HOUR CLOCK)

**Interviewer instructions**

BLOOD GLUCOSE Minutes



fasting blood glucose (cardio\_glucose)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-99

Valid cases: 0  
 Invalid: 0

**Literal question**

Cadio-Check (MMOL/L)

B5b. Fasting blood glucose Accu Check (MMOL/L) Lahi e suka 'i he toto\_\_ hili e ' (accu\_glucose)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-99.9

Valid cases: 0  
 Invalid: 0

**Literal question**

Accu-Check (MMOL/L)

take medicine raised glucose (medicine\_glucose)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Pre question**

glucose==2

**Literal question**

Today, have you taken insulin or other drugs (medication) that have been prescribed by a doctor or other health worker for raised blood glucose?

Device ID (lipids\_device\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 7

Valid cases: 0  
 Invalid: 0

**Literal question**

BLOOD LIPIDS

Device ID

## Total Cholesterol (ttl\_cholesterol)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-99

Valid cases: 0

Invalid: 0

**Literal question**

Total Cholesterol: MMOL/L

## treated raised cholesterol (treated\_choles)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-2

Valid cases: 0

Invalid: 0

**Literal question**

During the past two weeks, have you been treated for raised cholesterol with drugs (medication) prescribed by a doctor or other health worker?

## Urine Device ID (urine\_device\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Format: character

Width: 7

Valid cases: 0

Invalid: 0

**Literal question**

Device ID

## Technical ID Urine (urine\_tech\_id)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete

Format: character

Width: 7

Valid cases: 0

Invalid: 0

**Literal question**

Technician ID

## fasting urine (fasting\_urine)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

## fasting urine (fasting\_urine)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Pre question**

biochem\_measure==1

**Literal question**

Had you been fasting prior to the urine collection?

## urine hours (urine\_hours)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-23

Valid cases: 0  
 Invalid: 0

**Pre question**

biochem\_measure==1

**Literal question**

Hours:  
 TIME OF DAY URINE SAMPLE TAKEN (24 HOUR CLOCK)

## urine Minutes (urine\_minutes)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-59

Valid cases: 0  
 Invalid: 0

**Pre question**

biochem\_measure==1

**Literal question**

Minutes:  
 TIME OF DAY URINE SAMPLE TAKEN (24 HOUR CLOCK)

## Cervical Cancer Consent (consent\_cervical\_cancer)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Do we get the consent from you to ask you questions about Cervical Cancer?

## Contraceptive Use Consent (consent\_contraceptive\_use)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Do we get the consent from you to ask you questions about Contraceptive Use?

## Safe Sex Consent (consent\_safe\_sex)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Do we get the consent from you to ask you questions about Safe Sex?

## KAP interview time starts (kap\_time)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 0  
 Invalid: 0

**Literal question**

Tap below to record the Date and time when you start with the KAP interview

## Number of Children (children)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-5

Valid cases: 0  
 Invalid: 0

**Literal question**

How many children do you have?

## know cervical cancer (know\_cervical\_cancer)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

know cervical cancer (know\_cervical\_cancer)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-4

Valid cases: 0  
Invalid: 0

#### Literal question

What do you know about cervical cancer?

know of who has cervical cancer (anyone\_cancer)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Literal question

Do you know of anyone who has had cervical cancer?

had cervical cancer in family (had\_cervical\_cancer)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Literal question

Has anybody in your family had cervical cancer (including yourself)?

factors increase cervical cancer risk: Having sexual intercourse at an early age (factors\_risk\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

What are some of the factors that can increase the risk of getting cervical cancer?....

factors increase cervical cancer risk: Having many sexual partners - Mohe fakaema (factors\_risk\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

factors increase cervical cancer risk: Having many sexual partners - Mohe fakaema (factors\_risk\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

What are some of the factors that can increase the risk of getting cervical cancer?....

factors increase cervical cancer risk: Exposed to Human Papilloma Virus (HPV) - M (factors\_risk\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

What are some of the factors that can increase the risk of getting cervical cancer?....

factors increase cervical cancer risk: Smoking - Mama tapaka (factors\_risk\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

What are some of the factors that can increase the risk of getting cervical cancer?....

factors increase cervical cancer risk: Having many children - Fanau tokolahi (factors\_risk\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

What are some of the factors that can increase the risk of getting cervical cancer?....

factors increase cervical cancer risk:Family history of cervical cancer  
- Hisito (factors\_risk\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

What are some of the factors that can increase the risk of getting cervical cancer?....

factors increase cervical cancer risk:Don't know - 'Ikai ha 'ilo kiai  
(factors\_risk\_7)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

What are some of the factors that can increase the risk of getting cervical cancer?....

know papsmear (know\_papsmear)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

#### Literal question

Do you know what a pap smear is?.....

papsmear test for (test\_for)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-9

Valid cases: 0  
Invalid: 0

#### Pre question

know\_papsmear==1

#### Literal question

Who should have a pap smear done?

who have papsmear:Any woman who has had sex - Koha fefine pe kuo 'osi mohe fakam (K216\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

know\_papsmear==1

#### Literal question

Who should have a pap smear done?

who have papsmear:Women with children - koha fefine pe kuo ne 'osi fanau'I mai h (K216\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

know\_papsmear==1

#### Literal question

Who should have a pap smear done?

who have papsmear:Women still having periods - koe fefine kotoa 'oku kei puke he (K216\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

know\_papsmear==1

#### Literal question

Who should have a pap smear done?

who have papsmear:Don't know - 'ikai ha 'ilo kiai (K216\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview



who have papsmear:Don't know - 'ikai ha 'ilo kiai (K216\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

know\_papsmear==1

#### Literal question

Who should have a pap smear done?

often women getting papsmear (K217)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-6

Valid cases: 0  
Invalid: 0

#### Pre question

know\_papsmear==1

#### Literal question

How often should women go for a pap smear?

why papsmear for women (K218)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-4

Valid cases: 0  
Invalid: 0

#### Pre question

know\_papsmear==1

#### Literal question

Why is a Pap smear screening done for women?

had papsmear (k219)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-2

Valid cases: 0  
Invalid: 0

#### Universe

di\_sex==2

#### Pre question

had papsmear (k219)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

di\_sex==2

#### Literal question

Have you had a Pap smear test before?

how long (k2191)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-5

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

If yes, how long ago did you have it?

experience:It was fine - Fakafiemalie pe (k2192\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

What was the experience like? (Answers can be more than 1)

experience:It was embarrassing - Na'ake ongo'i ma (k2192\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

What was the experience like? (Answers can be more than 1)

experience:It was uncomfortable - Na'a ke ongo'i faingata'a'ia (k2192\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

What was the experience like? (Answers can be more than 1)

experience:It was painful - Na'ake mamahi'ia (k2192\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

What was the experience like? (Answers can be more than 1)

experience:No response - 'ikai ke 'iai ha tali pau ia (k2192\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

What was the experience like? (Answers can be more than 1)

why no papsmear:It is difficult to take time off work - Faingata'a ke ma'u ha ta (k2110\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

why no papsmear:It is difficult to take time off work - Faingata'a ke ma'u ha ta (k2110\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....

why no papsmear:It is difficult to get to a Pap smear clinic - 'Oku faingata'a k (k2110\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....

why no papsmear:My friend/relative had an unpleasant experience - Ko hoku ngaahi (k2110\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....

why no papsmear:I'm afraid to have a pap smear - 'Oku ou ilifia au ke 'ai ha tes (k2110\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

why no papsmear:I'm afraid to have a pap smear - 'Oku ou ilifia au ke  
'ai ha tes (k2110\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....

why no papsmear:I'm afraid of the results - 'Oku ou ilifia au he ola e  
sivi (k2110\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....

why no papsmear:I don't know what a pap smear is - 'Oku 'ikai keu  
'ilo 'eau pe k (k2110\_\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

di\_sex==2  
k219==1

#### Literal question

If no, why wouldn't you go for a pap smear? (Answers can be more than 1).....

have future papsmear (k2111)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

## have future papsmear (k2111)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Pre question**

di\_sex==2

**Literal question**

Are you planning to have or continue a Pap smear test in future?.....'

## recommend papsmear (k2112)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Pre question**

di\_sex==2  
 k219==1

**Literal question**

Would you recommend that your relatives and friends have pap smears?.....

## papsmear clinic (k2113)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-3

Valid cases: 0  
 Invalid: 0

**Pre question**

di\_sex==2

**Literal question**

Where is the closest Pap smear clinic from your home?.....'

## preferance (k2114)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-5

Valid cases: 0  
 Invalid: 0

**Pre question**

di\_sex==2

preference (k2114)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Literal question

Who do you prefer to carry out your Pap smear test?.....

pregnant how (k221)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-5

Valid cases: 0  
Invalid: 0

#### Literal question

How does one get pregnant?

avoid pregnant (K222)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-6

Valid cases: 0  
Invalid: 0

#### Literal question

Do you know how one can avoid getting pregnant?

contraceptive avoid pregnant (K223)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-9

Valid cases: 0  
Invalid: 0

#### Literal question

Which contraceptive or FP can protect against both pregnancy and STI Infection?

contraceptive after sex (K224)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-4

Valid cases: 0  
Invalid: 0

#### Literal question

## contraceptive after sex (K224)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

If someone had sex and had not used a contraceptive. What can they do to prevent a pregnancy?

## sexual relationship (K225)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Have you ever been in a sexual relationship?

## used contraceptive (K226)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: -999999999-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Have you ever used a contraceptive or family planning

## why use contraceptive:To prevent pregnancy - Ke 'oua 'e faitama (K2261\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Pre question**

K226==1

**Literal question**

Why did you choose to use contraceptive

**Interviewer instructions**

Answers can be more than 1

## why use contraceptive:To prevent STI's - Ke malu'I mei he mahaki pipihi e fe'aua (K2261\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv



why use contraceptive:To prevent STI's - Ke malu'i mei he mahaki  
pipihi e fe'aua (K2261\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==1

#### Literal question

Why did you choose to use contraceptive

#### Interviewer instructions

Answers can be more than 1

why use contraceptive:Prevent Both Pregnancy & STI's - Ke malu'i  
koe mei he feit (K2261\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==1

#### Literal question

Why did you choose to use contraceptive

#### Interviewer instructions

Answers can be more than 1

why use contraceptive:Because my Partner wanted me to use it - Na'e  
fiema'u 'e h (K2261\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==1

#### Literal question

Why did you choose to use contraceptive

#### Interviewer instructions

Answers can be more than 1

why use contraceptive:I heard it was a good idea from a friend - Na'e  
talamai 'e (K2261\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==1

#### Literal question

Why did you choose to use contraceptive

#### Interviewer instructions

Answers can be more than 1

why use contraceptive:Was asked by a Nurse/Doctor - Na'e  
talamai/fokotu'u mai 'e (K2261\_\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==1

#### Literal question

Why did you choose to use contraceptive

#### Interviewer instructions

Answers can be more than 1

why use contraceptive:Don't know - 'Ikai ha 'ilo kiai (K2261\_\_7)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==1

#### Literal question

Why did you choose to use contraceptive

#### Interviewer instructions

Answers can be more than 1

which contraceptive used (K2262)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-7

Valid cases: 0  
Invalid: 0

#### Pre question

K226==1

#### Literal question

What contraceptive / Family Planning did you use?

ever pregnant (K227)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-2

Valid cases: 0  
Invalid: 0

#### Literal question

Have you ever been pregnant?

pregnant how many times (K2271)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 1-6

Valid cases: 0  
Invalid: 0

#### Pre question

K227==1

#### Literal question

How many times have you ever been pregnant?

Number of Children planned (K2272)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-8

Valid cases: 0  
Invalid: 0

#### Literal question

How many of your children were planned?

## problems from family planning (K228)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-7

Valid cases: 0  
 Invalid: 0

**Pre question**

K226==1

**Literal question**

Did you have any problems that you think you had because of the family planning method you were using?

## reason for not using family planning:Not sexually active - Te'eki keu 'ilo tanga (K229\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Pre question**

K226==2

**Literal question**

If you did not use family planning then what was the main reason for this?

## reason for not using family planning:Did not know what to do - 'Ikai keu 'ilo 'e (K229\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Pre question**

K226==2

**Literal question**

If you did not use family planning then what was the main reason for this?

## reason for not using family planning:Did not know where to get it from - 'Ikai k (K229\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

reason for not using family planning:Did not know where to get it  
from - 'Ikai k (K229\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==2

#### Literal question

If you did not use family planning then what was the main reason for this?

reason for not using family planning:Religious restrictions - 'UHINGA  
fakalotu (K229\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==2

#### Literal question

If you did not use family planning then what was the main reason for this?

reason for not using family planning:Partner did not want us to use it  
- 'ikai k (K229\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==2

#### Literal question

If you did not use family planning then what was the main reason for this?

reason for not using family planning:Mother/ Mother in Law did not  
want me to use (K229\_\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

reason for not using family planning: Mother/ Mother in Law did not want me to use (K229\_\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==2

#### Literal question

If you did not use family planning then what was the main reason for this?

reason for not using family planning: Thought it would interfere with sexual act (K229\_\_7)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==2

#### Literal question

If you did not use family planning then what was the main reason for this?

reason for not using family planning: Was afraid of what it might do to me and it (K229\_\_8)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==2

#### Literal question

If you did not use family planning then what was the main reason for this?

reason for not using family planning: It might decrease fertility rate - Na'a ues (K229\_\_9)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

reason for not using family planning:It might decrease fertility rate - Na'a ues (K229\_\_9)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==2

#### Literal question

If you did not use family planning then what was the main reason for this?

reason for not using family planning:high cost - Na'a 'oku fu'u mamafa (K229\_\_10)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==2

#### Literal question

If you did not use family planning then what was the main reason for this?

reason for not using family planning:lack of knowledge - Si'isi'I e 'ilo ki he n (K229\_\_11)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

K226==2

#### Literal question

If you did not use family planning then what was the main reason for this?

heard of safe sex (K231)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

## heard of safe sex (K231)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Have you ever heard of "safe sex"?

## where (K232)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-6

Valid cases: 0  
 Invalid: 0

**Pre question**

K231==1

**Literal question**

Where did you hear it from?

## what is safe sex (K233)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-4

Valid cases: 0  
 Invalid: 0

**Pre question**

K231==1 &amp;&amp; K233==4

**Literal question**

What is safe sex?

## heard of STI (k2341)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

**Literal question**

Have you ever heard of the following STIs?



heard of STI where:Gonorrhea - Konalia (k2342\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

k2341==1

#### Literal question

Which of the following STIs have you ever heard of?

heard of STI where:Syphilis - Sifilisi (k2342\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

k2341==1

#### Literal question

Which of the following STIs have you ever heard of?

heard of STI where:Chlamydia - Kalamitia (k2342\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

k2341==1

#### Literal question

Which of the following STIs have you ever heard of?

heard of STI where:Genital Herpes - pala mamahi he fakafefine/hepisi (k2342\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

heard of STI where: Genital Herpes - pala mamahi he fakafefine/hepisi (k2342\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Pre question

k2341==1

#### Literal question

Which of the following STIs have you ever heard of?

heard of STI where: Genital warts - lefetona he fakafefine/uooti (k2342\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

k2341==1

#### Literal question

Which of the following STIs have you ever heard of?

heard of STI where: Haven't heard of any of the above (k2342\_\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Pre question

k2341==1

#### Literal question

Which of the following STIs have you ever heard of?

how to get STI: Having unprotected sex - Fehokotaki fakamali 'ikai ke ngaue'aki e (K235\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

How can someone get an STI?

how to get STI:Having many sexual partners - Fehokotaki fakamali mo ha kakai tok (K235\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

How can someone get an STI?

how to get STI:Not using a condom - 'ikai ke ngaue'aki e konitomu ki he feohi fa (K235\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

How can someone get an STI?

how to get STI:Using the same swimming pool - Kaukau fakataha ha fa'ahinga vai k (K235\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

How can someone get an STI?

how to get STI:Don't know - 'ikai ha 'ilo kiai (K235\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 0

#### Literal question

How can someone get an STI?

STI symptoms:Vaginal Discharge - Fa'ahinga huhu'a 'oku nanamu mei he halangatama (K236\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What are the symptoms of STI?

STI symptoms:Penile discharges - Fa'ahinga huhu'a 'oku ha'u mei he fakatangata (K236\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What are the symptoms of STI?

STI symptoms:Burning sensation when urinating - Vevela e tu'uofi (K236\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What are the symptoms of STI?

STI symptoms:Pain during sex - Mamahi e mohe fakamali (K236\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What are the symptoms of STI?

STI symptoms:Ulcers/Rashes - 'Asi mai e ngaahi fo'I pala he 'okani fakatupu pe k (K236\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What are the symptoms of STI?

STI symptoms:Unusual smells from genital area - Nanamu ta'etaau e 'okani fakatup (K236\_\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What are the symptoms of STI?

STI symptoms:May have no symptoms - 'ikai ke 'iai ha fa'ahinga faka'ilonga ia 'e (K236\_\_7)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What are the symptoms of STI?

STI symptoms:Don't know - 'Ikai ha 'ilo kiai (K236\_\_8)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What are the symptoms of STI?

action when suspected STI:Keep it a secret - Tauhi pe koe fakapulipuli pe ia (K237\_\_1)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What should one do if someone has suspected STI?

action when suspected STI:Go to a traditional healer - 'Alu 'o faito'o fakatonga (K237\_\_2)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What should one do if someone has suspected STI?

action when suspected STI:Use herbal medicine - Ngaue'aki faito'o fakatonga/lau' (K237\_\_3)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What should one do if someone has suspected STI?

action when suspected STI:Go to the nearest health center - 'Alu ki he senita mo (K237\_\_4)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What should one do if someone has suspected STI?

action when suspected STI:Go to the STI hub center - 'Alu ki he falemahaki ki he (K237\_\_5)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What should one do if someone has suspected STI?

action when suspected STI:Don't know - 'Ikai keu 'ilo 'eau e tali (K237\_\_6)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-1

Valid cases: 0

Invalid: 0

#### Literal question

What should one do if someone has suspected STI?

used condom (K238)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete

Format: numeric

Width: 6

Decimals: 0

Range: -999999999-2

Valid cases: 0

Invalid: 0

#### Literal question

Have you used a condom?

use condom everytime (K239)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete

Format: numeric

Width: 6

Decimals: 0

Range: 1-3

Valid cases: 0

Invalid: 0

#### Literal question

Do you use a condom each time you have sexual relation?

why not use condom over other contraceptive (K2310)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -999999999-7

Valid cases: 0  
Invalid: 0

#### Literal question

If you had a choice between a condom and other contraceptives, why wouldn't you choose a condom?

(ssSys\_IRnd)

File: SPC\_TON\_2017\_STEPS\_v01\_A\_v01\_NoObserv

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 2

Valid cases: 0  
Invalid: 0



# Documentation

## Questionnaires

### Questionnaire - Survey Solutions - Tonga 2017 STEPS

---

|                   |  |
|-------------------|--|
| Title             | Questionnaire - Survey Solutions - Tonga 2017 STEPS  |
| Author(s)         | Tonga Statistics Department.   |
| Date              | 2017-02-23   |
| Country           | Tonga  |
| Language          | English  |
| Description       | This file is the final 2017 Tongan STEPS questionnaire generated using the software Survey Solutions.<br><ol style="list-style-type: none"> <li>1. Geographical ID</li> <li>2. Demographic information</li> <li>3. Tobacco use</li> <li>4. Alcohol consumption</li> <li>5. Diet</li> <li>6. Physical activity</li> <li>7. History</li> </ol> |
| Table of contents | <ol style="list-style-type: none"> <li>8. Cervical cancer screening</li> <li>9. Physical measurements</li> <li>10. Biochemical measurements</li> <li>11. Difficulty</li> <li>12. Health care - Tokangaekina e mo'ui lelei</li> <li>13. Access to services</li> <li>14. GPS + photo</li> </ol> Appendices: Instructions and Options           |
| Filename          | STEPS 2017 Final.pdf   |

---

## Technical documents

### Sampling Design - Tonga 2017 STEPS

---

|             |  |
|-------------|--|
| Title       | Sampling Design - Tonga 2017 STEPS                                     |
| Author(s)   | Tonga Statistics Department  |
| Date        | 2017-01-01   |
| Country     | Tonga  |
| Language    | English  |
| Description | This file is the Sample design report of the 2017 Tongan STEPS survey. |
| Filename    | STEPS Survey 2017 sampling design.pdf                                  |

---