NIUE AG CENSUS 2021 – Description of Final Data Files (SPSS)

This file gives a description of the file structure and naming convention for final SPSS files produced for the Niue Agriculture Census 2020.

Data Sets

The data deliverable contains five folders. The contents of each are described below:

- Clean household Data – An SPSS data file on which all cleaning activities have been completed. This is the version of the data which was used to generate tabulations for the final report. It contains identifying data such as household number, household member names and GPS.
- Institution Data – SPSS data set of data collected from Agricultural institutions
- Post Enumeration Data – SPSS data set of data collected during post enumeration activities

Data Files within Sets

The data is stored in long format. This means there is a separate SPSS data file for each roster.
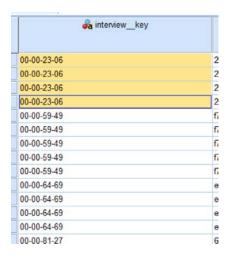
The main data file is named "NIUE_ARG_CENSUS_HH.sav" and contains data for all questions which were asked un-rostered. In this file each case refers to one household.

The other 15 files each contain data for questions inside of that roster. For example HOUSEHOLD.sav contains all the information in household roster. Each case here refers to one household member. Each of these rosters is referenced in the questionnaire document. In the example below the data for Q1_2 and Q1_3, etc will be found inside of the file HOUSEHOLD.

SECTION 1: HOUSEHOLD COMPOSITION
Roster: HOUSEHOLD ROSTER
generated by list question Q1_1   HOUSEHOLD

1.2 - What is %rostertitle%'s Relationship to Head?	SINGLE-SELECT	Q1_2
V1 //Check if there are more than 1 HH Head !(HOUSEHOLD.Count(x=>x.Q1_2 == 1) > 1)	01 ◯ Head	
M1 A household cannot have more than 1 head! Please verify	02 ◯ Spouse	
V2 //Check if the HH Head is listed in the 1st row// !(@row code == 1 && self != 1)	03 ◯ Son/Daughter	
M2 First member must be the head!	04 ◯ Daughter-in-law / Son-in-law	
V3 //Check if there are more than 1 spouse !(HOUSEHOLD.Count(x=>x.Q1_2 == 2) > 1)	05 ◯ Grand Child	
M3 More than 1 spouse found! Please verify	06 ◯ Parent	
V4 //Check if the gender of the spouse is different from the head (1st row) self == 2 ? !(HOUSEHOLD[1].Q1_3 == Q1_3) : true	07 ◯ In-laws	
	08 ◯ Niece/Nephew	
	09 ◯ Uncle/ Aunt	
M4 Head and Spouse cannot have the same gender! Please verify	10 ◯ Other relative	
	11 ◯ Not-related	

1.3 - What is %rostertitle%'s sex?	SINGLE-SELECT	Q1_3
	01 ◯ Male	
	02 ◯ Female	
	03 ◯ Other	

The roster files are linked to each other and the household level data (NIUE_ARG_CENSUS_HH.sav) by the identifying variable "interview__key" or 'interview__id' – both are unique and suitable for linking the files. In the example images below interview__key "00-00-23-06" on the left is identifying one case in the NIUE_ARG_CENSUS_HH.sav file. On the right it identifiers four cases for each member of that household in the file HOUSEHOLD.sav.

Variables within files

Within each file the variable names have been retained as per the Survey Solutions program and can be referenced in the questionnaire document. The example below shows three variables in the questionnaire and subsequently inside of the SPSS file.

Questions which are multi select are stored as multiple variables. One variable per answer option which shows if that answer was selected (value 1) or not (value 0). Example below shows how a multi select question (Q3_5) is stored.

3.5 - Was the household engaged in any of the following agricultural activities during last 12 months?	MULTI-SELECT	Q3_5
V1 `self.ContainsOnly(99) || (self.ContainsAny(1,2,3,4,5) && !self.Contains(99))` M1 Cannot select 'none of the above' with other options	01 ☐ Manage flower nurseries 02 ☐ Marketing of flowers/pot plants 03 ☐ Planting of flowers 04 ☐ Growing pandanus trees 05 ☐ Harvesting of pandanus leaves 99 ☐ None of the above	

Q3_5__1	Q3_5__2	Q3_5__3	Q3_5__4	Q3_5__5	Q3_5__9 9
.000	.000	.000	.000	.000	1.000
.000	.000	1.000	.000	1.000	.000
.000	.000	.000	.000	.000	1.000
.000	.000	1.000	1.000	.000	.000
.000	.000	.000	.000	.000	1.000
.000	.000	.000	.000	.000	1.000
.000	.000	.000	.000	1.000	.000
.000	.000	.000	.000	.000	1.000
.000	.000	.000	.000	.000	1.000
.000	.000	1.000	.000	.000	.000
000	000	000	000	000	1 000

Variable names have been retained as per the questionnaire with the format

"Variable name" – "Question Text"

In some instances these have been truncated. Full question text is available in the questionnaire document.

Name	Type	Width	Decimals	Label
Q2_1	Numeric	12	3	2.1 - There were concerns that you or any adult in the household would not have
Q2_2	Numeric	12	3	2.2 - You or any other adult in your household were unable to eat /healthy and n
Q2_3	Numeric	12	3	2.3 - You or any other adult in your household ate only a few kinds of foods?
Q2_4	Numeric	12	3	2.4 - You or any other adult in your household had to skip a meal?
Q2_5	Numeric	12	3	2.5 - You or any other adult in your household ate less than you thought you sho
Q2_6	Numeric	12	3	2.6 - Your household ran out of food?
Q2_7	Numeric	12	3	2.7 - You or any other adult in your household were hungry but did not eat?
Q2_8	Numeric	12	3	2.8 - You or any other adult in your houshold went without eating for a whole da
Q3_1	Numeric	12	3	3.1 - Did your Household operate any agricultural crops, Tree/Plantation crop
Q3_2	Numeric	12	3	3.2 - How much land (Acres& Frac) does your Household have under agricultural cr
Q3_3	Numeric	12	3	3.3 - Did your household sell any vegetables, fruits, or other agricultural prod
Q3_4	Numeric	12	3	3.4 - What do you consider as the purpose of your crop production?
Q3_4_OTHER	String	50	0	3.4_OTHER - Specify
Q3_5__1	Numeric	12	3	3.5 - Was the household engaged in any of the following agricultural activity:Manage flower nurseries