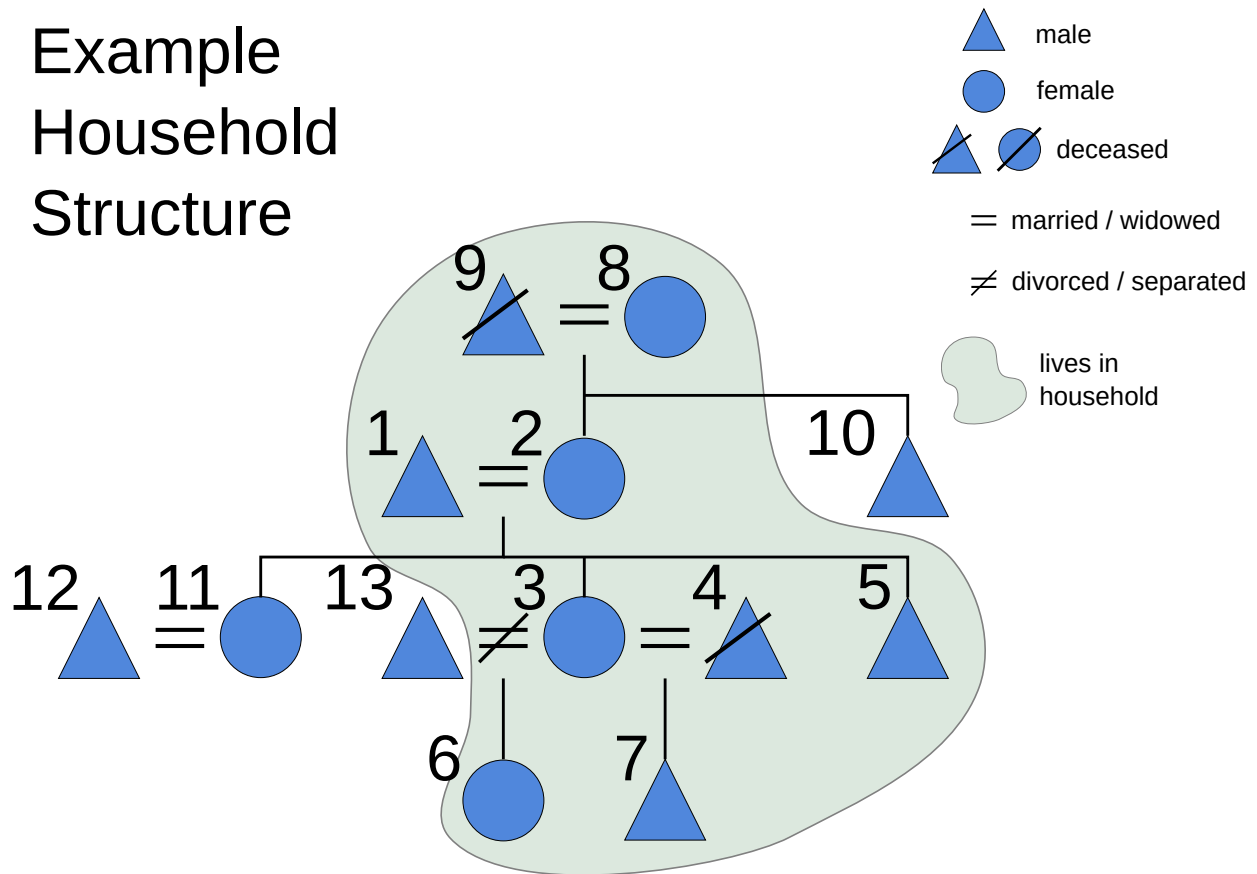



Example Household Structure



Demographics information for each member::

Number	First Name	Last Name	Age	Sex	Alive	Born	Marital status	Years of Education
1	Boss	Ding	44	M	Y	Here	Married	5
2	Betty	Ding	30	F	Y	N/A	Married	7
3	Dolly	Dong	21	F	Y	Here	Widowed	4
4	Bobby	Dong	30	M	N	Elsewhere	Married	8
5	Dylan	Ding	15	M	Y	Here	Never	
6	Collet	Effen	9	F	Y	Here	never	
7	Donald	Ding	3	M	Y	Here	never	
8	Granny	Able	70	F	Y	Elsewhere	Widowed	3
9	Gramps	Able	79	M	N	Elsewhere	Widowed	
10	Manny	Ding	40	M	Y	Here		
11	Clary	Numpty	23	F	Y	Here		
12	Murry	Numpty	34	M	Y	Elsewhere		
13	Garry	Effen	39	M	Y	Elsewhere		

Using the example household tree, enter the census details as described in the following steps:


ODK-X Survey

Select the form to open

Families • TableId: families • FormId: families Version: 2 Last Updated on Mon, May 17, 2021 at 09:19	
Household cooperation measures • TableId: household_cooperation_measures • FormId: household_cooperation_measures Version: 20130408 Last Updated on Mon, May 17, 2021 at 09:19	
Household Items • TableId: household_items • FormId: household_items Version: 20130408 Last Updated on Mon, May 17, 2021 at 09:19	
Household Member • TableId: household_member • FormId: household_member Version: 2 Last Updated on Mon, May 17, 2021 at 09:19	
Household Survey • TableId: household_census • FormId: household_census Version: 2 Last Updated on Mon, May 17, 2021 at 09:19	←
Marriages • TableId: marriages • FormId: marriages Version: 2 Last Updated on Mon, May 17, 2021 at 09:19	
Social Capital Ranking Questions • TableId: social_capital • FormId: social_capital Version: 2 Last Updated on Mon, May 17, 2021 at 09:20	
Social Network Questions • TableId: social_network • FormId: social_network Version: 2 Last Updated on Mon, May 17, 2021 at 09:20	

After opening the ODK-X Survey application, you will be presented with a screen displaying all the forms present on the device.

For the initial household census, select “Household Survey”

Note regarding other forms:

TODO: make form names more obvious to avoid selecting forms that the user should or should not use.

Household cooperation measures & Household Items are FREELISTING data collection

Household Survey is the main census form

Social Network Questions and Social Capital Ranking Questions are the SNA data gathering forms



ODK Survey

Form name: Household Survey

Form version: 2

Create new instance ➕


- No saved instances.

On this screen, every household surveyed will be shown. These are referred to as ‘instances’. As there are no household instances on the device at the moment, the list is blank. To begin the survey, create a new instance.

Household Survey

Back

Next



OPEN DATA KIT

ODK Survey

Form name: Household Survey
Form version: 2

You are at the start of a new instance.

Last saved:
Thu May 20 2021 12:03:22 GMT+1200 (New Zealand Standard Time)

Go to next prompt

This next screen is just here to confirm your creation of a new instance. Select 'Go to next prompt' or 'Next' (at the top right on the screen)

Household ID

Back

Next

Take a picture of the house from outside.

Take Photo

Choose Image

Capture the GPS coordinates of the house.

Record Location

Select the village where the household is located.

Choose Option

Add readable household ID

not specified

The information gathered here will help to identify the household for future data analysis.

For the GPS, please wait until the accuracy stabilises and presents you with a confirmation dialog.


Ideally this step would be done before entering the house, as the GPS will have difficulty getting an accurate reading, and the picture of the house should be taken from outside. The readable household ID could be the street address (if applicable) or another systematic way of helping to identify where the house is for the data collectors.

Take a picture of the house from outside.

http://localhost:8635/default/data/tables/household_census/instances/uuid_3faae638_467f_44b6_9db2_645e

Take Photo

Choose Image



Capture the GPS coordinates of the house.

Latitude: -45.84418119

Longitude: 170.54246601

Altitude: 68.63592529296875

Accuracy: 4.288000106811523

Record Location

Select the village where the household is located.

Levuka Vakavita

Add readable household ID

H1

Example of screen once information has been entered.

Customary Membership
Back
Next

Enter the information pertaining to the households customary membership in the text fields.

Customary Membership Information:

Tokatoka:

Yavusa:

Matagali:

Extra Notes:

Note: The ‘Extra Notes’ field has no character limit.

Household Members

The next screen is where we begin to get data on each member **currently living** in the household: Like the Household screen, each person is an *instance*, and they will be listed here if they hold the same *household_id* variable as the household you are surveying.

Household Members
Back
Next

Make a list of all individuals who normally live in this household:

Create new instance

Begin by creating a new instance, starting with the head of the household, in our case *Boss Ding*.

Basic Demographics
Back
Next

Data for household: H1_levuka_170.54246601–45.84418119

Household members first name:

Household members last name:

Age:

Sex:

☒ male
☐ female

Is this person alive?

☒ yes
☐ no

Using the data given in the example table, enter the data for *Boss Ding* as shown in the next few screens, selecting ‘Next’ in the top right corner when you are done entering the data requested.

Demographics Continued

What is Boss's relation to the head of the household?

Head

Where was Boss born?

Here

What is Boss's marital status?

Married

How many years of education has Boss had?

5

Does Boss have any children?

yes

no

Note: When entering data into some fields, you will have to wait for a brief period before selecting the next field.

This pause is due to the program writing the information to the database.


You will find yourself extremely annoyed if you try quickly move onto the next field, as it will just as quickly send you back to the previous field.

Demographics Continued

Please take a photo of the household member

http://localhost:8635/default/data/tables/household_member/instances/uuid_fa554ff9_99b6_4e31_8a23_6db

Take Photo Choose Image



It is suggested that the resolution of your camera images be as low as possible while retaining enough detail for future identification purposed. This is so the server is not bogged with too much data, and the syncing process between server and devices is kept as short as possible.

Once you have entered the information for *Boss Ding*, you will see their instance shown on the Household Members screen which follows.

Household Members

Make a list of all individuals who normally live in this household:

Create new instance

5/20/2021Boss_Ding ✓ ✎ ⚙

Continue on and enter the information for each of the people who live in the household in the example (those contained within the light blue shape in the tree, or having light blue numbers in the table)

Household Members

Make a list of all individuals who normally live in this household:

Create new instance

5/20/2021Boss_Ding	✓	✎	⚙
5/20/2021Betty_Ding	✓	✎	⚙
5/20/2021Bobby_Dong	✓	✎	⚙
5/20/2021Dolly_Dong	✓	✎	⚙
5/20/2021Dylan_Ding	✓	✎	⚙
5/20/2021Collet_Effen	✓	✎	⚙
5/20/2021Donald_Ding	✓	✎	⚙
5/20/2021Granny_Able	✓	✎	⚙
5/20/2021Gramps_Able	✓	✎	⚙

Here is what you should see once all of the persons normally living in the household have been entered.

Marriages

In this section we will enter the relationships between people which have borne children, creating *edges* between the mother and father of all offspring directly related to the household members.

Marriage Information

Back

Next

Marriage Information:

Add as many entries as needed to cover all relationships resulting in offspring.

Create new instance

Once again, instances are created for each entry.

Marriages

Back

Next

Marriage Information:

Add as many entries as needed to cover all relationships resulting in offspring.

Person 1

<input checked="" type="radio"/> Boss_Ding
<input type="radio"/> Betty_Ding
<input type="radio"/> Bobby_Dong
<input type="radio"/> Dolly_Dong
<input type="radio"/> Dylan_Ding
<input type="radio"/> Collet_Effen
<input type="radio"/> Donald_Ding
<input type="radio"/> Granny_Able
<input type="radio"/> Gramps_Able
<input type="radio"/> Testy_Mctestface

Person 2

<input type="radio"/> Boss_Ding
<input checked="" type="radio"/> Betty_Ding
<input type="radio"/> Bobby_Dong
<input type="radio"/> Dolly_Dong
<input type="radio"/> Dylan_Ding
<input type="radio"/> Collet_Effen
<input type="radio"/> Donald_Ding
<input type="radio"/> Granny_Able
<input type="radio"/> Gramps_Able
<input type="radio"/> Testy_Mctestface

What is their current marital status?

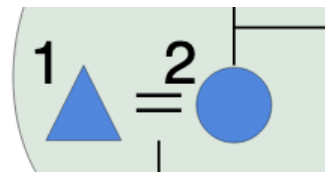
<input checked="" type="radio"/> Married
<input type="radio"/> Never Married
<input type="radio"/> Divorced
<input type="radio"/> Separated
<input type="radio"/> Widowed

If any relationship with someone outside of the current household has resulted in offspring, add the other person to the roster.

Please enter info on person not living in household to the best of your ability

Create new instance

In this screen we are presented with every person entered in the household.



For the first entry, select *Boss Ding* as Person 1, and *Betty Ding* as Person 2, and set their marital status as *Married*.

Marriage Information

Back

Next

Marriage Information:

Add as many entries as needed to cover all relationships resulting in offspring.

Create new instance

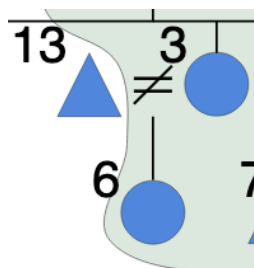
6/1/2021Boss_M_Betty✓✎🔍

Once we have done this and clicked next, we will see that an instance has been created showing the first name of each person separated by a letter indicating their marital status:

M = Married, NM = Never Married,
D = Divorced, S = Separated,
W = Widowed

Continue to enter the data as shown on the example tree.

For the relationships involving persons outside of the household, such as that between *Dolly Dong* and *Garry Effen*, we will need to enter *Garry's* information to the best of the knowledge of the interviewee.



Dolly and Garry have a child together, but are divorced, with Garry not living in the household.

For this case, when we are in the Marriage Information Instance screen (shown above), we must select the option at the very bottom of the screen, *Create new instance*.

If any relationship with someone outside of the current household has resulted in offspring, add the other person to the roster.
Please enter info on person not living in household to the best of your ability

Create new instance

This will take you to the same form we used to enter each household members details with slight differences under the hood. Here we enter Garry's details, and once we have completed this step, Garry will appear in the list of Person's under the Marriage Information Instance screen.

Now we can select Dolly and Gary as Person 1 and Person 2, and assign the Divorced Marital Status.

Continue to enter the relationships as shown in the example household tree.

Marriage Information	Back	Next
----------------------	------	------

Marriage Information:

Add as many entries as needed to cover all relationships resulting in offspring.

Create new instance

6/1/2021Boss_M_Betty	✓	✎	⊕
6/1/2021Dolly_M_Bobby	✓	✎	⊕
6/1/2021Dolly_D_Garry	✓	✎	⊕
6/1/2021Granny_W_Gramps	✓	✎	⊕
6/1/2021Clary_M_Murry	✓	✎	⊕

Above shows the completed instance list of relationships relating to our example household.

Family Information

The next section creates links between the relationships entered in the marriage information to their offspring.

Initially there will be a screen much like the ones we have encountered before (*shown on right*) where we create a new instance of a family tie.

Families

◀ Back

Next ▶

Family Information:

Create family lists of offspring resulting from the marriages input in previous question:

Parents:

Child:

If the person is not on the list, please add them to the roster

Please enter info on child not living in household to the best of your ability

➕ Create new instance

Families

◀ Back

Next ▶

Family Information:

Create family lists of offspring resulting from the marriages input in previous question:

Parents:

<input type="radio"/> Boss_M_Betty
<input type="radio"/> Dolly_M_Bobby
<input type="radio"/> Dolly_D_Garry
<input type="radio"/> Granny_W_Gramps
<input type="radio"/> Clary_M_Murry

Child:

<input type="radio"/> Boss_Ding
<input type="radio"/> Betty_Ding
<input type="radio"/> Bobby_Dong
<input type="radio"/> Dolly_Dong
<input type="radio"/> Dylan_Ding
<input type="radio"/> Collet_Effen
<input type="radio"/> Donald_Ding
<input type="radio"/> Granny_Able
<input type="radio"/> Gramps_Able
<input type="radio"/> Garry_Effen
<input type="radio"/> Clary_Numpty
<input type="radio"/> Murry_Numpty

If the person is not on the list, please add them to the roster

Please enter info on child not living in household to the best of your ability

➕ Create new instance

Using the example tree, select the appropriate parents and one of their children.

Note that we can only select one child at a time, therefore we have to create a new instance of a family for each child that a relationship bore.

Like the marriage information screen, if a child does not live in the household or is deceased, we have to create a new instance of this person. Once this is done, their name will be found under the child heading of the screen.

Family unit information

◀

Back

Next▶

Family units Information:

Create family lists of offspring resulting from the marriages input in previous question:

⊕ Create new instance

6/1/2021Boss_M_Betty=Dolly	✓	✎	⊕
6/1/2021Boss_M_Betty=Dylan	✓	✎	⊕
6/1/2021Boss_M_Betty=Clary	✓	✎	⊕
6/1/2021Granny_W_Gramps=Betty	✓	✎	⊕
6/1/2021Granny_W_Gramps=Manny	✓	✎	⊕
6/1/2021Dolly_D_Garry=Collet	✓	✎	⊕
6/1/2021Dolly_M_Bobby=Donald	✓	✎	⊕

Here are the completed Family Units instances for the example tree.

Each instance is named with the marriage selected followed by an equals sign and the child’s first name.

Other Household Information

The last few screens are very self explanatory.
The Household Items screen will be populated by the results of the free listing survey before the main census is carried out.