

Formative Assessment of Female Drug Users

ODK & Geomapping ToolKit

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e-Health Nigeria supports the management of health facilities in Nigeria to influence health-related funding and policy decisions, and provide doctors with the patient information needed to improve decision-making before, during, and after care.

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ODK Training Manual

Adapted From: UC Berkeley Human Rights Center's [ODK Training Post](#)

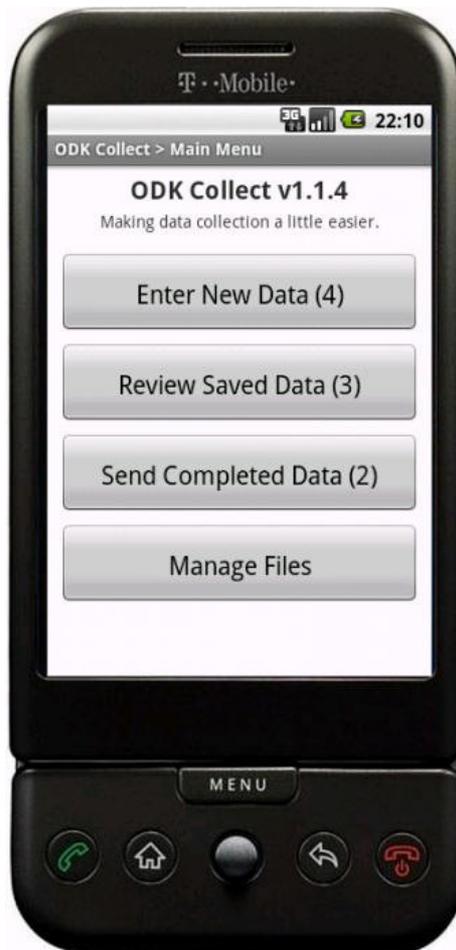
Introduction

[Open Data Kit \(ODK\)](#) is a suite of tools to help organizations collect, aggregate and visualize their data. ODK Collect is powerful phone based replacement for your paper forms. ODK Collect is built on the [Android](#) platform and can collect a variety of form data types: text, location, photos, video, audio, and barcodes.

In order to master ODK Collect, surveyors or enumerators must first learn the basics of survey implementation and how to use an Android.

This manual is intended to be a resource for TRAINERS to teach enumerators how to implement ODK Collect into their data collection methods. It provides pre-training advice, android training, and ODK training.

Much of this content was adapted from the UC Berkeley Human Rights Center's post entitled "Training Guide" located on the ODK site at <http://code.google.com/p/open-data-kit/wiki/TrainingGuide>.



Pre-Training Set-up

Setting up the Android phones and a Demo Form prior to training day will help your ODK Collect Training run smoothly. If you are working with enumerators who do not have much technical skills, try to make the training as easy as possible by planning ahead.

Setting up the Android Phone

Here are some simple tips to prep the Android phones to be used as data collection devices.

- Uninstall old versions of ODK
- Install the current version of ODK
- Place the ODK icon on each of the screens
- Place the Compass application on each of the screens
- Remove all non-relevant icons and widgets.
- Set the GPS to ON, WiFi off, data sync off, and destroy the widget. That way, no one can turn off GPS easily.
- Set screen time-out to be long for training, short for the field
- Airplane mode! saves battery.
- Turn off automatic orientation. Rotating the screen is no benefit in ODK.
- Set the keyboard to be Touch Input and change the settings to remove all suggestions and spell checking. Turn off vibrate, turn on sound.
- Calibrate the keyboard
- Copy the current survey(s) to /sdcard/odk/forms using the Android Debug Bridge.
- Load the form the first time to make sure it's loaded, it's valid, and save time later. It loads much faster the second time.
- Get a Good GPS fix, the almanac can take a while to ready itself. The first time you use GPS in a strange place, it can take 20 minutes to load. Don't make the enumerators do that. Getting a GPS fix on all the Androids updates the almanac data and the next fix in the same city will be way faster.

If you do not know how to do any of the above, check out the ODK website at <http://code.google.com/p/odkcollect/> or the Android forum at <http://androidforums.com/>.

Setting up the Demo Form

Its best to teach the enumerators how to use ODK on a simple demo form, NOT the real survey. Create this form before the training and load it onto the phones. Use simple questions like, "What is your name?", "How old are you?", "What state do you live in?". This form should contain all the variations that are found on the real form (this could include skip logic, multiple choice, GPS location, pictures). The questions on the demo form should be simple and clear so that people can focus on learning ODK, not on getting the questions correct.

Survey Basics

Start with the basics. Go over the REAL survey on PAPER first! Don't even bring in the Androids. You want people to understand this survey front and back before you confuse them with the Android. You get good data by asking good questions, so first, get to that point.

ACTIVITY:

1. Break out the survey on paper and read through it together, out loud, from beginning to end. Let everyone take a question and go around the room, that way, everyone is involved.
2. Explain how questions are asked. The Enumerator is impartial, he/she must ask the question without passing judgment. The enumerator must not make interpretation of the answer. Get a straight answer, record it.
3. If the enumerator will be speaking in a different language, practice it in that language. Make sure that the enumerator is not altering the question during translation. If necessary, vote on the best translation of each question and have enumerators practice.
4. Discuss what possible answers you might get in the field.

Android Training

This part of the training should only focus on using the Android phone. Enumerators cannot begin learning ODK until they have a good grasp of the basic Android functions.

Treatment of the Android

Refer to the Android as a "device" or "PDA". Avoid using the word phone because you do want the Enumerators to use the Android as a collection tool, not as a cell phone.

To make sure that people take possession of the Android with an understanding of the gravity of losing these devices, we make everyone sign their Androids out at the beginning of every day and back in at the end. No one should go home with an Android. Use fingernail polish to number the chassis of every phone and assign the same phone to the same person everyday. This way, at the end of the survey, the enumerators understand that they will be returning the Androids and that they are not their own personal deceives.

Lecture the enumerators on the importance of not leaving the Android lying around. It should be emphasized that the Android is each enumerators responsibility and if it gets lost, the project data will suffer greatly.

ACTIVITY:

During the training, keep an eye on how the enumerators are treating their Androids. If an enumerator leaves their phone on a table when they leave the room, pocket their Android and wait. A scolding in front of the group is embarrassing for the enumerator, but you are saving someone the future embarrassment of losing one, because everyone will take it more seriously. You are saving yourself the embarrassment of explaining to your funders why you need to buy more Androids mid-survey.

Training

First, familiarize the enumerators with the hardware. Teach them to use the Android by going through all the hardware buttons and basic functions. Nothing is too simple to be explained, give people confidence so that when it comes time to take data it will be second nature.

To better show your enumerators different features on the Android, use a projector and run the Eclipse Android Emulator.

ACTIVITY:

1. Turn on the projector and run Eclipse Android Emulator
2. Have the enumerators follow along with you on their own Androids
3. Turn the Android on and off
4. Put the Android in sleep mode
5. Turn the volume up and down
6. Swipe the screens
7. Select a program
8. Go to the HOME page
9. Do a short press
10. Do a long press

ODK Training

Now its finally time to teach ODK. First you should teach the enumerators how to use ODK using the simple demo survey you created before the training. After they fully understand how to use ODK, then you can switch over the the real survey.

ODK Basics Training

Don't use your real survey off the bat. Use an example form with each type of question, and some skip logic. This way, people can focus on learning how to use ODK, not focus on administering the survey.

ACTIVITY:

1. Have the enumerators load the sample survey
2. Run through the survey on the Emulator with each enumerator following along on their own androids.
3. Explain the difference between Text Input, Numeric Input, Single Choice, and Multiple Choice
 1. Text Input = Free text input. Example: name of health care facility, name of participant
 2. Numeric Input = Can only enter numbers. Example: number of children, age
 3. Single Choice = Can only choose one of a list of answers. Example: male or female
 4. Multiple Choice = Can choose multiple answers from a list. Example: What activities do you participate in? Running, swimming, reading
4. Do every step multiple times, and have the enumerators hold up their phones and show you

the results. Run through the example form several times.

5. Take a break, have a croissant and a coffee.
6. Now, introduce the real form. Everyone already knows the form since they have already been through it on paper, so there is an air of familiarity. They already understand the use of the Android, so they are not all caught up in learning to swipe across the screen
7. Go through the form without showing any possible error until the enumerators are comfortable
8. Now introduce the following errors that could occur during a survey implementation and show how to fix them
 1. Falling out of survey
 1. Close ODK in mid survey. Hit the home button, then run another program, then hit the ODK icon again. You might end up at the main menu again or you might end up in your last survey. It is possible that the survey was lost. Go through how to deal with each case and emphasize the importance of completing and submitting your survey. Also show them how to do a long press on the home button to get back to the survey
 2. System Crash

If they are messing around and loading the survey and switching apps and going to the home screen, it can crash. Any app can crash. It's not endemic, so I don't think it's an issue. Sometimes we encourage the enumerators to do some playing around in training, it lets them know there are limits. Use your Eclipse debugger to capture images of the error messages and show them to the class on the projector. Let them tell you what they are supposed to do when they see such-and-such an error.
9. Take phones away from people while they are working and pop up a menu or go to the home screen and give it back to them to see how they handle it.

ODK Survey Implementation Training

We want the enumerators to know the survey frontwards and backwards so let's have them perform the survey in many different ways, many different times. This way when they get out in the field, there won't be any surprises.

Exercise 1: The Roundabout

Everyone does a single survey together. Nominate one person to be the subject of the interview. Surely you have someone hanging around who isn't training to use ODK. Each person takes a question in turn, everyone records the answer at the same time. It's slow going, but you get everyone doing an interview together, so later, you can compare the surveys and see if everyone is recording the same answers.

There are some other benefits to this exercise.

1. They get to parse the language together. You will improve the translation of the survey.
2. They get to practice pronunciation together.
3. They find the errors in the forms and report them.
4. Everyone gets a feeling of community. They get to know each other and learn to support each other, they do part of your job by helping their neighbors when they are stuck.
5. They get more familiarity with the survey.

During the exercises, be sure to wander around checking on individuals progress. Be patient, but don't let them keep on making the same mistakes. Look for patterns where everyone is doing the same thing wrong. Use these as teaching points.

Use what you learn in practice to improve your form, fix mistakes, and fine tune the translation.

Exercise 2: Self-Interview

The enumerators read the questions out loud to themselves and record the answers. It's better than sharing interviews, because when you pair up in groups of two, you are really only training half of them. Half of them are just answering questions.

Exercise 3: Paired Interviews

Let the enumerators pair up in groups of two. They can interview each other. One of them should complete an entire survey as the interviewer, and then they should switch roles.

Exercise 4: Almost the Real thing

Duplicate all the conditions of a real field survey, but in an area that doesn't fit in your sampling. (so you don't accidentally visit the same place later when you are doing real surveys) Let the enumerators follow the sampling selection process, go out into the neighborhood on their own, choose people to interview, and complete several interviews. This is the test of fire. Other than this being fake data, everything else should be just like the real survey will be.

Review the data from this exercise well. Look for things like the start and end times of the surveys. Are they so short that it might be fake? Look at the time between surveys. Is there enough time to do proper sampling? Look at the GPS coordinates. Are they in the same place? That would mean that your enumerator found a nice spot to sit down and completed a couple interviews without actually talking to anyone. Check the data to be sure they are answering all the questions.

It's a good idea after this exercise to ask everyone to share their experience in class together. Some common problems will pop up, like failure of the subject to understand the questions, or confusion with the sampling methodology. This is when people realize for the first time that working in the field is not like practice.

Example Training Schedule

Day	Time Start	Time End	Activity
1	08:30 AM	09:30 AM	Introductions and description of training events
	09:30 AM	10:45 AM	Survey Basics
	10:45 AM	11:15 AM	Coffee and Tee
	11:15 AM	01:00 PM	Survey Basics
	01:00 PM	02:00 PM	Lunch
	02:00 PM	05:00 PM	Android Training
	05:00 PM	05:30 PM	Wrap-Up
2	08:30 AM	09:30 AM	Review of Yesterdays Events and Android "Warm-Up"
	09:30 AM	10:45 AM	ODK Basics Training
	10:45 AM	11:15 AM	Coffee and Tee
	11:15 AM	01:00 PM	ODK Implementation Training
	01:00 PM	02:00 PM	Lunch
	02:00 PM	05:00 PM	ODK Implementation Training
	05:00 PM	05:30 PM	Training Wrap-Up

The Golden Rules of ODK Collect

- 1. Calibrate your GPS using the Compass application at least 20 minutes before you go into the field***
- 2. Always finish your survey before you begin another***
- 3. Do not skip questions***

ODK Training Assessment and Evaluation

Pre & Post Test

About the Test

This test was created to determine the effectiveness of the Open Data Kit Collect Training Manual. It should be administered before the training takes place and again upon completion. The evaluation should be administered by a skilled personnel. Each participant should complete this evaluation on their own without the ability to witness another participants attempt.

Both the pre and post tests are identical and should be administered in as similar a way as possible. The participant should be given an Android phone, that is turned off, and asked to perform the tasks listed in the test. If a participant is able to do the task quickly and easily, check the box. If a participant is taking more than 20 seconds to perform one of the tasks, ask them to stop and move onto the next question.

Evaluation of the Test

Pre-test: It is expected that participants will not be able to accomplish the majority of the tasks listed during the pre-test. If a participant is able to accomplish each task successfully, they do not need to participate in the "Android training" or the "ODK Basics training". However, they should still participate in the "Survey Basics" as well as the "ODK Implementation Training" as both of these activities are focused on the survey itself.

Post-test: At the end of the training, each participant should be able to accomplish 100% of the tasks listed in the test. Each task is vital to using Android and ODK successfully. If a participant does not receive 100% on the post-test, then they do not have a complete understanding of the basics on how to use Android or ODK. It is not recommended to send them into the field alone to administer surveys. They should continue to review and practice both the "Android training" as well as the "ODK Basics Training" until they are able to receive a perfect score.

Android and Open Data Kit Collect Test

This form is to be filled out by the test administrator.

Please choose the correct test: Pre-Test Post-Test

Android

Put a check mark next to each action that the participant can complete:

1. Turn the Android on	<input type="checkbox"/>
2. Unlock the screen	<input type="checkbox"/>
3. Put the Android into sleep mode	<input type="checkbox"/>
4. Turn up and down the volume	<input type="checkbox"/>
5. Switch screens	<input type="checkbox"/>
6. Go to the settings menu	<input type="checkbox"/>
7. Make a phone call	<input type="checkbox"/>
8. Create a text message that says "Testing 123, ODK!"	<input type="checkbox"/>
9. Go to the Home screen	<input type="checkbox"/>
10. Turn the Android off	<input type="checkbox"/>

ODK Training

Put a check mark next to each action that the participant can complete:

1. Open ODK on Android	<input type="checkbox"/>
2. Start a new form	<input type="checkbox"/>
3. Open the sample form	<input type="checkbox"/>
4. Complete the sample form	<input type="checkbox"/>
5. Save the form, do not mark as finished	<input type="checkbox"/>
6. Continue a saved form	<input type="checkbox"/>
7. Mark as finished	<input type="checkbox"/>
8. Submit the form	<input type="checkbox"/>

Android and ODK Test Evaluation

Total Number of Participants: _____

Training Dates: _____

Android

Count the total number of participants able to complete each task during the pre and post test and record the number in the correct box.

Task	# of Participants able to complete the task		Was the goal of 100% capability attained?
	Pre-Test	Post-Test	
1. Turn the Android on			
2. Unlock the screen			
3. Put the Android into sleep mode			
4. Turn up and down the volume			
5. Switch screens			
6. Go to the settings menu			
7. Make a phone call			
8. Create a text message that says "Testing 123, ODK!"			
9. Go to the Home screen			
10. Turn the Android off			

ODK Training

Count the total number of participants able to complete each task during the pre and post test and record the number in the correct box.

Task	# of Participants able to complete the task		Was the goal of 100% capability attained?
	Pre-Test	Post-Test	
1. Open ODK on Android			
2. Start a new form			
3. Open the sample form			
4. Complete the sample form			
5. Save the form, do not mark as finished			
6. Continue a saved form			
7. Mark as finished			
8. Submit the form			

Android and ODK Test Evaluation Results: EXAMPLE

Total Number of Participants: _____ 7 _____

Training Date: Dec 6, 2010 - Dec 7, 2010

Android

Count the total number of participants able to complete each task during the pre and post test and record the number in the correct box.

Task	# of Participants able to complete the task		Was the goal of 100% capability attained?
	Pre-Test	Post-Test	
1. Turn the Android on	5	7	Y
2. Unlock the screen	1	7	Y
3. Put the Android into sleep mode	1	7	Y
4. Turn up and down the volume	1	7	Y
5. Switch screens	1	7	Y
6. Go to the settings menu	3	7	Y
7. Make a phone call	5	7	Y
8. Create a text message that says "Testing 123, ODK!"	1	7	Y
9. Go to the Home screen	3	7	Y
10. Turn the Android off	0	7	Y

ODK Training

Count the total number of participants able to complete each task during the pre and post test and record the number in the correct box.

Task	# of Participants able to complete the task		Was the goal of 100% capability attained?
	Pre-Test	Post-Test	
1. Open ODK on Android	5	7	Y
2. Start a new form	5	7	Y
3. Open the sample form	5	7	Y
4. Complete the sample form	2	7	Y
5. Save the form, do not mark as finished	2	7	Y
6. Continue a saved form	2	7	Y
7. Mark as finished	2	7	Y
8. Submit the form	1	7	Y

ODK Questionnaires

Overview

The following questionnaires were created by the Population Council and then transformed into electronic XML forms. Some of the forms were edited slightly so that they could be input into the ODK database correctly.

Below you will find a copy of the following edited paper versions:

1. Community Point Observation Form
2. Area/Polygon Observation Form
3. Facility Observation Form

The XML versions can be downloaded from:

<https://github.com/adothompson/eHealth-Nigeria-ODK-Collect-Forms/tree/master/popcouncil>.

Community Point Observation Form

This form is to be filled out by a surveyor for any location of interest. This is not to be filled out in conjunction with a community informant.

1	State	<input type="checkbox"/> Kano
		<input type="checkbox"/> Kaduna
		<input type="checkbox"/> Lagos
		<input type="checkbox"/> Ogun
2	LGA	List of LGAs for each state
3	Venue number	
4	Name of Street/Area where venue is located	
5	What type of venue is this?	<input type="checkbox"/> Drug 'bunker'
		<input type="checkbox"/> Pharmacy/ chemist
		<input type="checkbox"/> Police Posts
		<input type="checkbox"/> Motor garage
		<input type="checkbox"/> Abattoir
		<input type="checkbox"/> Walk-in –clinic
		<input type="checkbox"/> HIV testing and counseling
		<input type="checkbox"/> Psychiatric Hospital
		<input type="checkbox"/> Area boys/ gangs hangouts
		<input type="checkbox"/> Uncompleted building
		<input type="checkbox"/> Under bridge/ make shit homes
		<input type="checkbox"/> Private hospital/ clinic
<input type="checkbox"/> NGO center/office		
<input type="checkbox"/> Others		
6	Please specify Other	
7	Was the venue found?	<input type="checkbox"/> YES AND VENUE IN OPERATION
		<input type="checkbox"/> YES BUT VENUE CLOSED TEMPORARILY
		<input type="checkbox"/> VENUE CLOSED PERMANENTLY OR NO LONGER A VENUE
		<input type="checkbox"/> ADDRESS INSUFFICIENT, VENUE NOT FOUND
		<input type="checkbox"/> DUPLICATE VENUE, VENUE ALREADY VISITED
IF VENUE NOT FOUND OR NOT IN OPERATION (C10 ≠ 1) THEN STOP.		
8	What is the address of the venue and how can I find it? (BE VERY DETAILED)	
10	What types of activities take place here?	<input type="checkbox"/> People buy food and eat
		<input type="checkbox"/> People socialize for an hour or more
		<input type="checkbox"/> People can buy beer/alcohol to consume on-site
		<input type="checkbox"/> People bring beer/alcohol to consume
		<input type="checkbox"/> TV viewing

		<input type="checkbox"/> VCR or CD video viewing <input type="checkbox"/> Sell and consume drugs <input type="checkbox"/> Individual/group or couple dancing <input type="checkbox"/> Dealers house <input type="checkbox"/> Live music <input type="checkbox"/> Recorded music <input type="checkbox"/> Live DJ
11	Did you observe any used syringes lying around inside or outside of this place during your observation time/ walk-about?	<input type="checkbox"/> Yes <input type="checkbox"/> No
12	Did you observe any people taking drugs either (smoking, sniffing, injecting or eating) here today?	<input type="checkbox"/> Yes <input type="checkbox"/> No
13	Approximately how many people (men and women) are here during the time of your observation? This includes people who come here to socialize and people who come here for other reasons.	
14	How many drug users (injectors and non-injectors) do you think you observed around this area during your observation period?	
15	Of those, about how many of them were female drug users?	
16	What proportion of the MALE drug users are <18 years of age	
17	What proportion of the MALE drug users are 18 – 40 years	
18	What proportion of the MALE drug users are 40 or older	
19	What proportion of the FEMALE drug users are <18 years of age	
20	What proportion of the FEMALE drug users are 18 – 40 years	
21	What proportion of the FEMALE drug users are 40 or older	
22	What is the time period that we would find the most drug users hanging out around here?	<input type="checkbox"/> Don't Know
23	Are there particular times when female drug users are more present?	<input type="checkbox"/> Don't Know
24	Female drug users hang out with...	<input type="checkbox"/> male drug users only <input type="checkbox"/> female drug users only <input type="checkbox"/> both male and female drug users <input type="checkbox"/> others but not drug users <input type="checkbox"/> Don't know
25	Comment on any other observations about male drug users that you have observed at this area.	
26	Comment on any other observations about female drug users that you have observed at this area.	
27	Comment on the safety of this area for outreach workers and other program staff.	

Area/Polygon Observation Form

Instructions: This form is to be completed by the NGO staff field workers during Area observation 'walkabout' field visits. The staff should go out during peak times indicated by community stakeholders. The field worker should make observations at and around the area and do a 'walk-about' around the area. Field staff should conduct this visit over a period of at least X hours. Observations should be recorded on the form. Some questions will require you to answer based on prior knowledge of this venue. It is possible that you may not know the answers to some of the questions. If so, please indicate "Don't know". Remember that you are not allowed to interview anyone directly at the sites.

1	State	<input type="checkbox"/> Kano <input type="checkbox"/> Kaduna <input type="checkbox"/> Ogun <input type="checkbox"/> Lagos
2	Interviewer Number / Community Informant Number	
3	Name of Area:	
4	Additional names of Area:	
5	Where is this Area located? GPS Coordinates.	
6	What is the address of the venue and how can I find it? (BE VERY DETAILED)	
7	What types of activities take place here?	<input type="checkbox"/> People buy food and eat <input type="checkbox"/> People socialize for an hour or more <input type="checkbox"/> People can buy beer/alcohol to consume on-site <input type="checkbox"/> People bring beer/alcohol to consume <input type="checkbox"/> TV viewing <input type="checkbox"/> VCR or CD video viewing <input type="checkbox"/> Sell and consume drugs <input type="checkbox"/> Individual/group or couple dancing <input type="checkbox"/> Dealers house <input type="checkbox"/> Live music <input type="checkbox"/> Recorded music <input type="checkbox"/> Live DJ
8	Did you observe any used syringes lying around inside or outside of this place during your observation time/ walk-about?	<input type="checkbox"/> Yes <input type="checkbox"/> No
9	Did you observe any people taking drugs either (smoking, sniffing, injecting or eating) here today?	<input type="checkbox"/> Yes <input type="checkbox"/> No
10	Approximately how many people (men and women) are here during the time of your observation? This includes people who come here to socialize and people who come here for other reasons.	
11	How many drug users (injectors and non-injectors) do you think you observed around this area during your observation period?	
12	Of those, about how many of them were female drug users?	
13	What proportion of the MALE drug users are <18 years of age	
14	What proportion of the MALE drug users are 18 – 40 years	

15	What proportion of the MALE drug users are 40 or older	
16	What proportion of the FEMALE drug users are <18 years of age	
17	What proportion of the FEMALE drug users are 18 – 40 years	
18	What proportion of the FEMALE drug users are 40 or older	
19	What is the time period that we would find the most drug users hanging out around here?	<input type="checkbox"/> Don't Know
20	Are there particular times when female drug users are more present?	<input type="checkbox"/> Don't Know
21	Female drug users hang out with...	<input type="checkbox"/> male drug users only <input type="checkbox"/> female drug users only <input type="checkbox"/> both male and female drug users <input type="checkbox"/> others but not drug users <input type="checkbox"/> Don't know
22	Comment on any other observations about male drug users that you have observed at this area.	
23	Comment on any other observations about female drug users that you have observed at this area.	
24	Comment on the safety of this area for outreach workers and other program staff.	

Facility Observation Form

Instructions: This form is to be completed by the NGO staff field workers during facility field visits. The staff should go out during peak times indicated by community stakeholders. The field worker should make observations at and around the facility and do a 'walk-about' around the facility. Field staff should conduct this visit over a period of at least X hours. Observations should be recorded on the form. Some questions will require you to answer based on prior knowledge of this facility. It is possible that you may not know the answers to some of the questions. If so, please indicate "Don't know". Remember that you are not allowed to interview anyone directly at the sites.

1	State	<input type="checkbox"/> Kano <input type="checkbox"/> Kaduna <input type="checkbox"/> Ogun <input type="checkbox"/> Lagos
2	LGA	List of LGAs for each state
3	Name of Street	
4	GPS Coordinates	
5	What type of facility is this?	<input type="checkbox"/> Pharmacy where clean needles and syringes are sold <input type="checkbox"/> Drug Rehabilitation center <input type="checkbox"/> HIV testing and counseling center <input type="checkbox"/> Walk-in clinic <input type="checkbox"/> Psychiatric hospital <input type="checkbox"/> Non governmental organization <input type="checkbox"/> Other
6	What is the size of the structure of this facility?	<input type="checkbox"/> 1 Room <input type="checkbox"/> 2 Rooms <input type="checkbox"/> A flat <input type="checkbox"/> A house
7	Are there free male / female condoms given at this facility?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
8	Are condoms sold at this venue?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
9	Did you observe any of the following HIV/AIDS prevention activities in the facility ?	<input type="checkbox"/> Educational talk on HIV/AIDS? <input type="checkbox"/> Peer health educators? <input type="checkbox"/> Condom distribution? <input type="checkbox"/> Drug counseling and education? <input type="checkbox"/> Community outreach and social work? <input type="checkbox"/> HIV/AIDS posters or leaflets? <input type="checkbox"/> Other
10	Approximately how many people (men and women) are here during the time of your observation? This includes people who come here for treatment and people who come here for other reasons.	
11	How many drug users (injectors and non-injectors) do you think you observed in and around this facility during your observation period?	
12	Of those, about how many of them were female drug users?	

13	What proportion of the MALE drug users are <18 years of age	
14	What proportion of the MALE drug users are 18 – 40 years	
15	What proportion of the MALE drug users are 40 or older	
16	What proportion of the FEMALE drug users are <18 years of age	
17	What proportion of the FEMALE drug users are 18 – 40 years	
18	What proportion of the FEMALE drug users are 40 or older	
19	What time does the facility open?	
20	What time does the facility close?	
21	Are there particular times when female drug users are more present?	
22	What is the staff capacity of the facility	<input type="checkbox"/> 1 - 10 <input type="checkbox"/> 11 - 20 <input type="checkbox"/> 21 - 40
23	How long has this facility been situated here?.	
24	Comment on any other observations about female drug users that you have observed at this facility.	
25	Comment on the safety of this facility for outreach workers and other program staff.	

ODK Database and GeoMapping

The Data

All of the survey data is located on Google Fusion Tables. Fusion Tables is a service for managing large collections of tabular data and will be used to securely store all the data collected using ODK. Data stored on Fusion Tables can be easily manipulated and analyzed by applying filters, visualizing it on maps and other charts, merging data from multiple tables, and exporting it to the Web or .csv files.

How to View the Data

To view the data collected for the Formative Assessment of Female Drug Users Project:

1. Login in to Fusion Tables at <http://www.google.com/fusiontables/Home>
 1. Username: **XXXXXXXXXX**
 2. Password: **XXXXXXXXXX**
2. Each of the three forms will appear
3. Choose which form you would like to look at and click on it
4. Each completed survey will show up as one line
5. Scroll using the arrow in the top grey bar to view all the data points.
6. Go to <http://www.google.com/support/fusiontables/?hl=en> for instructions on different ways to manipulate and analyze your data.

The bold labels in the top grey bar are called the question labels. Because of space, question labels are used as a "short hand" that refer to a "full" question on the form. The labels should give you an idea of what the full question was. However, if you are not able to figure out what full question the question label is referring to, see the XML file for detail.

How to Download the Data

To export your data from the Google Fusion Table;

1. Login in to Fusion Tables at <http://www.google.com/fusiontables/Home>
 1. Username: **XXXXXXXXXX**
 2. Password: **XXXXXXXXXX**
2. Each of the three forms will appear
3. Choose which form you would like to look at and click on it
4. Go to File > Export
5. The data from that form will be downloaded as a .csv file

The GeoMap

Visualizing Each Form on Google Fusion Tables

To visualize all the the surveys completed of one specific form using Google Fusion Tables;

1. Login in to Fusion Tables at <http://www.google.com/fusiontables/Home>
 1. Username: **XXXXXXXXXX**
 2. Password: **XXXXXX**
2. Each of the three forms will appear
3. Choose which form you would like to look at and click on it
4. Go to Visualize > Map
5. A map will appear but it will show the wrong location
6. Change the Location from "LocationAltitude" to "Location"
7. Use the arrows on the left of the map to zoom out until you can see Nigeria
8. Double click on Nigeria to zoom into Nigeria
9. Single click on each red dot to see the data collected at that location

Visualizing a Combination of all the Forms on Google Site

To visualize a summary of all 3 forms on one map using Google Site;

1. Login to Google Sites at www.XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX.com
 1. Username: **XXXXXXXXXX**
 2. Password: **XXXXXX**
2. View map on screen
3. Click on individual dots to see a summary of the data collected at that location