

DIGITAL SOLUTIONS FOR ADAPTIVE PROGRAM MONITORING

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The One C Program

- One Community (One C)
 - USAID's flagship community-based response to Malawi's HIV epidemic
 - 5 year (2015-2020) PEPFAR funded
 - Implemented by CCP, with partners Plan International and Project HOPE



- 7 districts in the Southern Region
- Emphasis on orphans and vulnerable children (OVC), adolescent girls and young women (AGYW), and other key populations



DREAMS & GO! Girls

- DREAMS
 - PEPFAR initiative to reduce HIV incidence among AGYW in 10 countries
 - “**D**etermined, **R**esilient, **E**mpowered, **A**IDS-free, **M**entored and **S**afe”
- GO! Girls Clubs
 - As part of DREAMS initiative, One C created groups for out of school 10-24 year old AGYW
 - Groups follow the GO! Girls curriculum
 - Developed during the earlier 3-country USAID/PEPFAR GO! Girls Initiative implemented by CCP
 - Topics include: HIV prevention/treatment, STIs, GBV, gender roles, positive parenting, economic strengthening





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Bringing Community Resources
together to Combat HIV

The Challenge

- Several partners implement DREAMS activities
 - "Service layering" of interventions
 - However, no shared database to track services provided to girls over time
- USAID asked One C, as the largest DREAMS partner, to approximate the service layering in the 2 focus districts (Zomba and Machinga)
 - What specific services had these girls' group attendees received?

- How do we get this information?
 - Scale: over 18,000 girls across 2 districts participated in GO! Girls clubs in Q4 of FY16
 - Time: ASAP
- Most importantly – how do we ensure it's collected in a **timely**, **relevant**, **accurate**, and **complete** way?
 - How do we...
 - ... reach all participants?
 - ... collect the data?
 - ... organize, store, and process the data?
 - ... analyze the data?
 - ... ensure quality?
 - ... AND... do all of this quickly?

The Solution

- Leveraged existing resources and capacity
- Rapidly developed a service delivery survey
- Group facilitators (One C CHVs) acted as data collectors
- Deployed via electronic data collection (EDC)
- Data collected **directly** on mobile devices
 - Android-based tablets
 - ODK Collect app
 - Ona.io server





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XLSForm Survey & Choices

	A	B	C	F	G	H	I
1	type	name	label::English	relevant	repeat_count	constraint	constraint_message
29	select_one yesno	children	Do you have any children?				
30	integer	children_num	How many children?	$\\$(children)='1'$.>0 and .<=15	
31	note	note3	READ: Now I am going to ask the age and sex of your child/children, starting with the oldest.	$\\$(children)='1'$			
32	begin repeat	child	Please tell me about (child)	$\\$(children)='1'$	$\\$(children_num)$		
33	select_one sex	childsex	Is this child a boy or girl?				
34	integer	childage	What is her/her age? [If less than 1 year, enter 0]			.>=0 and .<=15	
35	end repeat						
36	select_one yesnodk	preg	Are you currently pregnant?				1 Postive
37	select_one hiv	hiv_status	What is your HIV status?				2 Negative
38	select_one yesnodk	onec	Is your household being visited by a CRP?				99 Don't know
39	note	note4	SERVICES RECEIVED				97 Refuse to disclose
40	select_multiple services	services	Have you received any of the following services over the past 6 months? [Select all that apply]				1 Educational support (bursaries)
41	integer	cond_num	Approximately how many condoms did you receive?	$selected(\\$(services), '3')$			2 Family planning (pills, injection, condoms, etc.)
42	select_multiple hivservices	hivservices	Have you received any of the following HIV-related services over the past 6 months? [Select all that apply]	$\\$(hiv_status)='1'$			3 Received condoms
43	note	note5	Thank you for your time. Goodbye.				4 Antenatal care (ANC)
44	note	note6	Now, after you have finished speaking with the girl, enter the following information about yourself, as the supervisory CRP.				5 Village Savings and Loan (VSL) group
45	text	crp_name	Supervisory CRP name (your name)				6 Cash transfer
46	integer	crp_id	Supervisory CRP unique ID number (your ID)				7 HIV testing services at a facility
47	text	crp_mobile	Supervisory CRP mobile number (your number)				8 HIV testing in the community (mobile)
48	note	note7	You have now completed the survey.				9 HIV testing in the household
49	end group						10 STI screening and/or treatment
50							
51							

23	hiv	1	Postive
24	hiv	2	Negative
25	hiv	99	Don't know
26	hiv	97	Refuse to disclose
27	services	1	Educational support (bursaries)
28	services	2	Family planning (pills, injection, condoms, etc.)
29	services	3	Received condoms
30	services	4	Antenatal care (ANC)
31	services	5	Village Savings and Loan (VSL) group
32	services	6	Cash transfer
33	services	7	HIV testing services at a facility
34	services	8	HIV testing in the community (mobile)
35	services	9	HIV testing in the household
36	services	10	STI screening and/or treatment

string-length(.)=7	Error! Enter 7 digits
regex(.,'^[0-9]{1}[0-9]{9}\$')	Error! Enter 10 digits



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ODK Collect App

GO! Girls Club Service Reporting

AGREEMENT

READ: My name is [NAME]. I work with One Community. I want to ask you about this group and about yourself and the services that you have received in the past 6 months. It will take about 10 minutes of your time to complete the survey. Your information will be kept confidential, and you do not have to answer any questions that you do not want or that make you uncomfortable. For example, you do not have to disclose your HIV status when I ask. Do you agree to participate in this brief survey?

GO! Girls Club Service Reporting

KUVOMELEZA

WELENGANI: Dzina langa ndi (Dzina). Ndimagwira ntchito ku One Community. Ndikufuna ndikufunseni za gulu ili ndi zokhudza inuyo. zititengela pafupifupi mphindi khumi. Zonse titakambirane zidzasungidwa mwachinsisi ndipo simukuyenera kuyankha mafunso amene simungamasuke nawo, mwachtsanzo simukuyenera kundifotokozela ngati muli ndikachilombo ka HIV kapena ayi ndikakufunsani.

Change Language

☒ Chichewa

☐ English

CANCEL

GO! Girls Club Service Reporting

CONTINUE

What is the highest level of school you have completed?

☐ None

☐ Pre-primary

☐ Primary

☒ Secondary

☐ Post-secondary

☐ Vocational

☐ Don't know/unable to answer

GO! Girls Club Service Reporting

CONTINUE

What is your name?

Sorry, this response is required!

GO! Girls Club Service Reporting

CONTINUE

What is your age?

9

Age must be between 10 and 24.



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Ona.io Server and Metadata

ONA

HomeOrganizations▼Projects▼What's New

Malawi One C - FY17 - Inactive★

PRIVATEGeneral📍📄35 forms, 0 dataviews

Mobile Tech CCP
mobiletech

+ Add a formForm builderUpload a datasetShareSettingsAdmin

Forms

Sort by: Alphabetical▼☐ Show inactive (34)

GO! Girls Club Service Reporting17957WebformMay 14, 2017last 6 months ago

OverviewMapTablePhotosChartsDashboardSettings

EN17957 Records

Activity

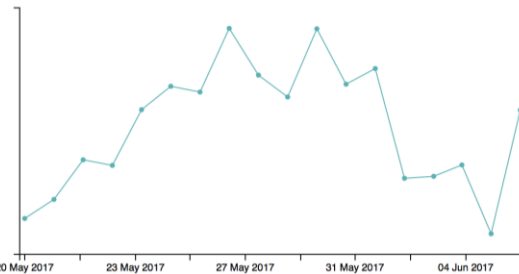
17957Records

6 months agoLast Submission

2Contributors

Submissions

Submissions



Description

NO DESCRIPTION

Data Exports

Prepare Data Export

File	Date	Status	Delete
go_girls_clu...4_717953.csv	Jun 06, 2017	✓	
go_girls_clu...9_393992.csv	Jun 05, 2017	✓	
go_girls_clu...6_690119.csv	Jun 01, 2017	✓	
go_girls_clu...3_183150.csv	Jun 01, 2017	✓	
go_girls_clu...6_428076.csv	May 31, 2017	✓	

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XLS Reports

NO XLS REPORTS

Submit data

Using Webforms

Using ODK Collect

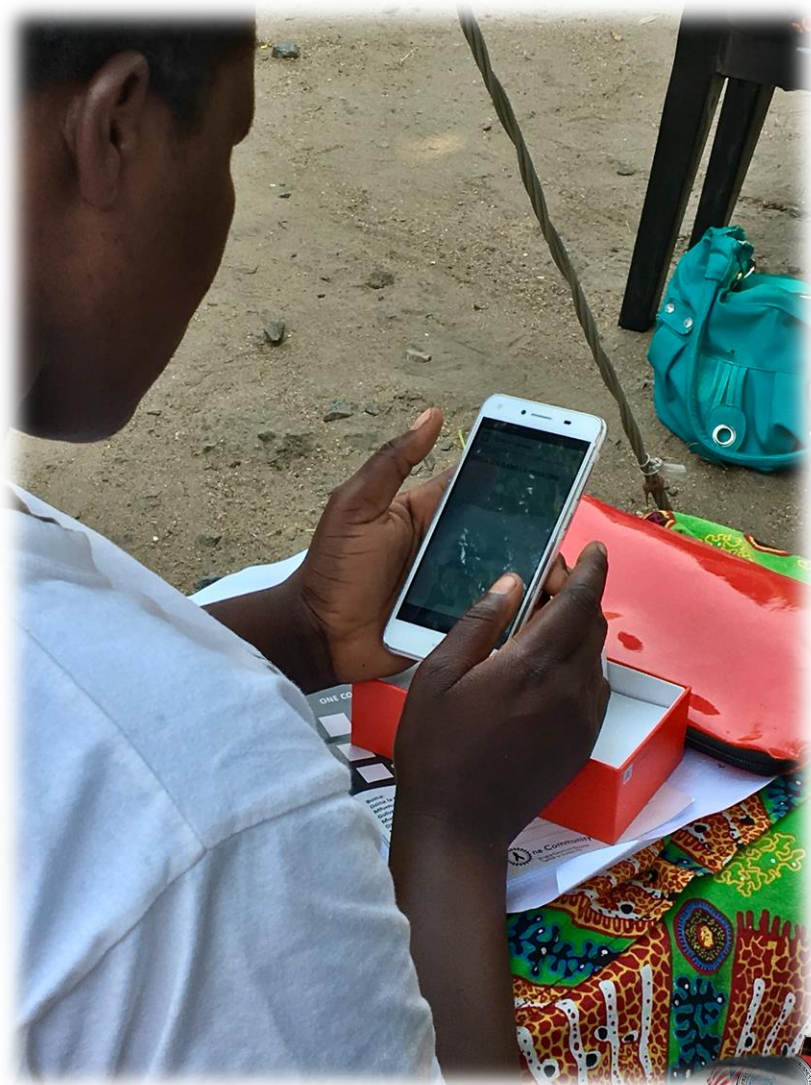
Importing CSVs

Link



The Outcome

- Survey developed
- Questionnaire adapted for EDC within 2 days
- Administered to over 18,000 girls (completed forms) over 16 days
- Draft report written and submitted 2 days later
- Survey development → secure, quality data collection from 18,000 respondents → draft report in < 3 weeks





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Principles for Digital Dev.

- **Data driven** adaptive management
- Leverage existing **ecosystem**
- **Collaborate** efficiently with donors or partners
- Data **security** paramount
- Learned and **adapted** EDC for **scale** and **sustainability**



Wrap Up & Larger Implications

- Whether in response to internal program redesign or due to external donor and stakeholder requests, monitoring tools must be responsive and adaptable
- Digital tools facilitate responsive and adaptive monitoring... and program monitoring is critical to improving programs as they grow, shift, and change
- Collecting, processing, and understanding quality data is a core and necessary ingredient to adaptive management

Thank you on behalf of One C!

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