

REDCAP IN THE WWAMI REGION

Courtney Howell

REDCap Manager

Gretchen Kuhn

REDCap Admin

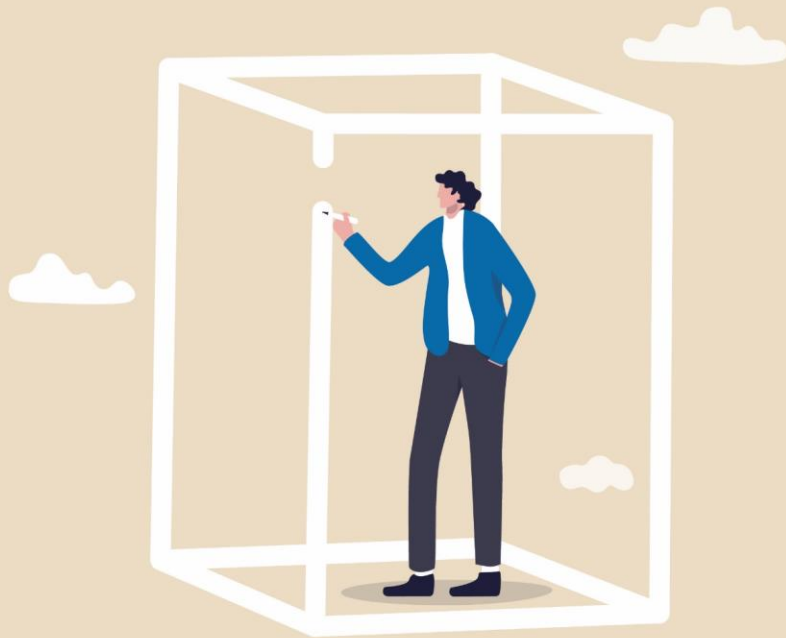
University of Washington Medicine



**Winter 2024 Virtual Mini-Conference
for Research Coordinators**

ITHS

Institute of Translational Health Sciences
ACCELERATING RESEARCH. IMPROVING HEALTH.



POLL

Have you heard of any of the following REDCap features? Send a thumbs-up!

DAGs (Data Access Groups)

REDCap Mobile App

MyCap

@CALCTEXT action tag

Custom Dashboards

API Playground

ITHS

Institute of Translational Health Sciences
ACCELERATING RESEARCH. IMPROVING HEALTH.

Accessing REDCap



University of Washington NetID's

Use your UW NetID to login at:

<https://redcap.iths.org>

to create an account

Other University ID's

Select universities can log in with their IDs on REDCap

Partner Institutions

Fred Hutch, SCCA, Seattle Children's, PATH, and other WWAMI regional institutions can request IDs

Others

Use ITHS REDCap for free if affiliated with one of our partner institutions and have a sponsor fill out the

ITHS new outside user request form

FOCUS POINT

Do you have any projects in which you're the only user?



ITHS

Institute of Translational Health Sciences
ACCELERATING RESEARCH. IMPROVING HEALTH.

Project Requests / Approvals



Project requests

Done within one business day

Needed information

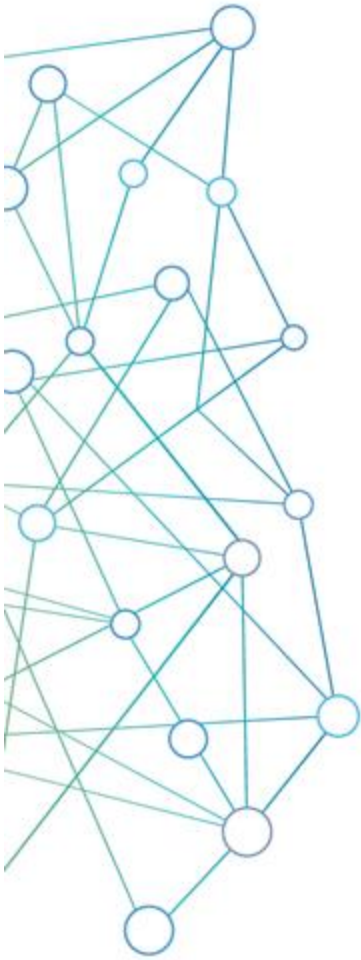
- *Project title*
 - *Purpose*
 - *If Research provide:*
 - *Principal investigator*
 - *IRB*
 - *Type of research*
-

Blank slate, XML files & Templates

Project creation option:

- Empty project (blank slate)
 - Upload a REDCap project XML file (CDISC ODM format) [?](#)
 - Use a template (choose one below)
-

User Rights



Adding users to your project

Anyone that has a user account on the ITHS REDCap server can be added to your project as a user with a custom set of rights.

Form rights

Hide forms completely, View-only mode or full access

Application rights

Give users only access to applications they need


User roles

Useful for when you need to add a lot of users with the same rights quickly

User Rights Page

[Project Home](#) [Project Setup](#) [User Rights](#) [Data Access Groups](#)

This page may be used for granting users access to this project and for managing the user privileges of those users. You may also create roles to which you may assign users (optional). User roles are useful when you will have several users with the same privileges because they allow you to easily add many users to a role in a much faster manner than setting their user privileges individually. Roles are also a nice way to categorize users within a project. In the box below you may add/assign users or create new roles, and the table at the bottom allows you to make modifications to any existing user or role in the project, as well as view a glimpse of their user privileges.


 Upload or download users, roles, and assignments ?

Add new users: Give them custom user rights or assign them to a role.

— OR —

Create new roles: Add new user roles to which users may be assigned.

(e.g., Project Manager, Data Entry Person)

Role name <small>(click role name to edit role)</small>	Username or users assigned to a role <small>(click username to edit or assign to role)</small>	Expiration <small>(click expiration date to edit)</small>	Project Design and Setup	User Rights	Data Access Groups	Data Viewing Rights	Data Export Rights	Alerts & Notifications	Reports & Report Builder	Stats & Charts	Survey Distribution Tools	Calendar
—	gkuhn1@washington.edu (Gretchen Kuhn)  API Token	never	✓	✓	✓	8 View & Edit	6 Full Data Set	✓	✓	✓	✓	✓
Data Entry	gkuhntst@washington.edu (Gretchen Kuhn Test)	never	✗	✗	✗	8 View & Edit	8 No Access	✗	✓	✓	✓	✓

User Rights

Editing existing user "gkuhn1@washington.edu"

You may set the rights for the user below by checking the boxes next to the application tools to which you wish to grant them access. You may also grant them or deny them access to individual data collection instruments, if so desired. To save your selections, click the "Save Changes" button at the bottom of the page.

Editing existing user "gkuhn1@washington.edu"

NOTICE: This user is a REDCap administrator. Since administrators always have maximum privileges, modifying the user rights below will have no effect on this user in this project, including their usage of the REDCap Mobile App.

Basic Privileges

Expiration Date (if applicable) (M/D/Y)

Highest level privileges:

- Project Design and Setup
- User Rights
- Data Access Groups

Other privileges:

- Survey Distribution Tools
- Alerts & Notifications
- Calendar
- Add/Edit/Organize Reports
Also allows user to view ALL reports (but not necessarily all data in the reports)
- Stats & Charts
- Data Import Tool
- Data Comparison Tool
- Logging
- File Repository
- Data Quality
 - Create & edit rules
 - Execute rules
- API
 - API Export
 - API Import/Update

Privileges for Viewing and Exporting Data

Data Viewing Rights pertain to a user's ability to view or edit data on pages in the project (e.g., data entry forms, reports). Users with "No Access" Data Viewing Rights for a given instrument will not be able to view that instrument for any record, nor will they be able to view fields from that instrument on a report. Data Export Rights pertain to a user's ability to export data from the project, whether through the Data Exports page, API, Mobile App, or in PDFs of instruments containing record data. Note: Data Viewing Rights and Data Export Rights are completely separate and do not impact one another.

	Data Viewing Rights				Data Export Rights			
	No Access (Hidden)	Read Only	View & Edit	Edit survey responses	No Access	De-identified*	Remove All Identifier Fields	Full Data Set
Event 1 form (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Form 1 (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Form 2 (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
HCT calculation test	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Event 2 form	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Laura test	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Project Information (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Form 1 D04e4f (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

* De-identified means that all free-form text fields will be removed, as well as any date/time fields and Identifier fields.

External Modules: Configuration Permissions

Privileges may be defined regarding whether the user can set or modify the configuration of an External Module that has been enabled on this project. Below are the currently enabled modules. NOTE: Only administrators may modify the module configuration permissions here.

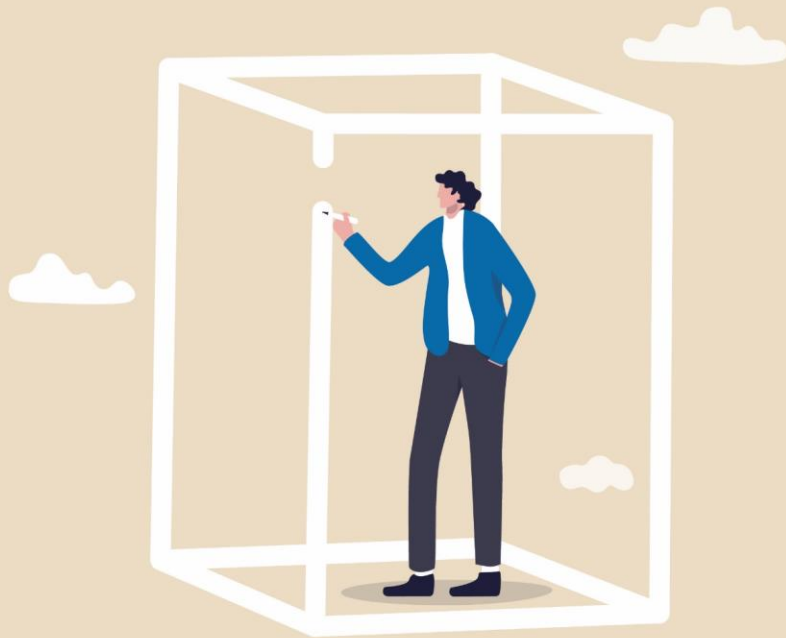
Image Map*

*Permissions based on user's Project Design/Setup rights

Save Changes

Cancel

Remove user



POLL

Does your research project partner with other groups? These may include:

Partner Institution(s)
Community Partners
Multiple project sites

User rights management



Uses / Reasons why?

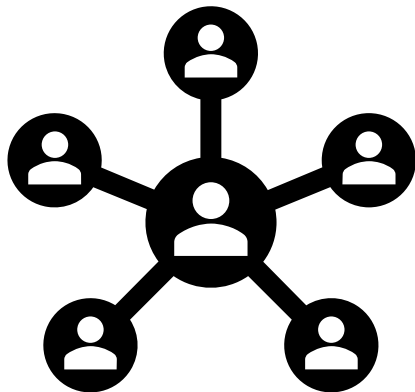
Roles

Suspending users

Data Access Groups

Uses / Reasons why?

- Compliance
 - HIPAA
- Data Quality
 - Blinding groups of users
- Control your own dataset
 - Exports
- Prevent "too many cooks in the kitchen"
- Relieving your training burden



User rights management

Uses / Reasons why?

Roles

Suspending users

Data Access Groups

User roles

- Allows for quick assignment of previously established rights
 - e.g., Temporary users like medical students
- Forces you to think about who does what
- Examples of common roles:
 - Data entry
 - Project manager/PI
 - User manager
 - Design manager
 - Statistician
 - Research Coordinator

User Roles

Editing existing user role "Data Entry"

You may set the rights for the user below by checking the boxes next to the application tools to which you wish to grant them access. You may also grant them or deny them access to individual data collection instruments, if so desired. To save your selections, click the "Save Changes" button at the bottom of the page.

Editing existing user role "Data Entry"

Basic Privileges

Role name:

Highest level privileges:

- Project Design and Setup
- User Rights
- Data Access Groups

Other privileges:

- Survey Distribution Tools
- Alerts & Notifications
- Calendar
- Add/Edit/Organize Reports
Also allows user to view ALL reports (but not necessarily all data in the reports)
- Stats & Charts
- Data Import Tool
- Data Comparison Tool
- Logging
- File Repository
- Data Quality
 - Create & edit rules
 - Execute rules
- API
 - API Export
 - API Import/Update

Settings pertaining to the REDCap Mobile App:

- REDCap Mobile App
 - Allows user to collect data offline in the mobile app

Privileges for Viewing and Exporting Data

Data Viewing Rights pertain to a user's ability to view or edit data on pages in the project (e.g., data entry forms, reports). Users with 'No Access' Data Viewing Rights for a given instrument will not be able to view that instrument for any record, nor will they be able to view fields from that instrument on a report. Data Export Rights pertain to a user's ability to export data from the project, whether through the Data Exports page, API, Mobile App, or in PDFs of instruments containing record data. Note: Data Viewing Rights and Data Export Rights are completely separate and do not impact one another.

	Data Viewing Rights				Data Export Rights			
	No Access (Hidden)	Read Only	View & Edit	Edit survey responses	No Access	De-Identified*	Remove All Identifier Fields	Full Data Set
Event 1 form (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Form 1 (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Form 2 (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HCT calculation test	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Event 2 form	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laura test	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Project Information (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Form 1 D04e4f (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

* De-identified means that all free-form text fields will be removed, as well as any date/time fields and Identifier fields.

External Modules: Configuration Permissions

Privileges may be defined regarding whether the user can set or modify the configuration of an External Module that has been enabled on this project. Below are the currently enabled modules. NOTE: Only administrators may modify the module configuration permissions here.

- Image Map*

*Permissions based on user's Project Design/Setup rights

Save Changes

Cancel

Copy role

Delete role

Assigning User Roles

Project Home Project Setup User Rights Data Access Groups

This page may be used for granting users access to this project and for managing the user privileges of those users. You may also create roles to which you may assign users (optional). User roles are useful when you will have several users with the same privileges because they allow you to easily add many users to a role in a much faster manner than setting their user privileges individually. Roles are also a nice way to categorize users within a project. In the box below you may add/assign users or create new roles, and the table at the bottom allows you to make modifications to any existing user or role in the project, as well as view a glimpse of their user privileges.

Upload or download users, roles, and assignments ?

Add new users: Give them custom user rights or assign them to a role.

+ Add with custom rights

— OR —

Assign to role

Create new roles: Add new user roles to which users may

Create role

(e.g., Project Manager, Data Entry Person)

Select Role:

- ✓ -- select role --
- Data Entry

User rights management

Uses / Reasons why?

Roles

Suspending users

Data Access Groups



Suspending users

Two options:

- Global suspension (all projects)
 - Done by an admin
 - Great for suspending for a ton of projects at the same time
 - Usually done for people leaving an organization
- Project-specific suspension
 - Can set pre-determined suspension date
 - Good for temporary users
 - Done by user rights enabled user

Setting User Suspension Date

Editing existing user "gkuhn1@washington.edu" ✕

You may set the rights for the user below by checking the boxes next to the application tools to which you wish to grant them access. You may also grant them or deny them access to individual data collection instruments, if so desired. To save your selections, click the "Save Changes" button at the bottom of the page.

Editing existing user "gkuhn1@washington.edu"

NOTICE: This user is a REDCap administrator. Since administrators always have maximum privileges, modifying the user rights below will have no effect on this user in this project, including their usage of the REDCap Mobile App.

Basic Privileges

Expiration Date (M/D/Y)
(if applicable)

Highest level privileges:

- Project Design and Setup
- User Rights
- Data Access Groups

Other privileges:

- Survey Distribution Tools
- Alerts & Notifications
- Calendar
- Add/Edit/Organize Reports
Also allows user to view ALL reports (but not necessarily all data in the reports)
- Stats & Charts
- Data Import Tool
- Data Comparison Tool
- Logging
- File Repository
- Data Quality [What is Data Quality?](#)
- API [What is the REDCap API?](#)
 - API Export
 - API Import/Update
- Create & edit rules
- Execute rules

Privileges for Viewing and Exporting Data

Data Viewing Rights pertain to a user's ability to view or edit data on pages in the project (e.g., data entry forms, reports). Users with 'No Access' Data Viewing Rights for a given instrument will not be able to view that instrument for any record, nor will they be able to view fields from that instrument on a report. Data Export Rights pertain to a user's ability to export data from the project, whether through the Data Exports page, API, Mobile App, or in PDFs of instruments containing record data. Note: Data Viewing Rights and Data Export Rights are completely separate and do not impact one another.

	Data Viewing Rights				Data Export Rights			
	No Access (Hidden)	Read Only	View & Edit	Edit survey responses	No Access	De-Identified*	Remove All Identifier Fields	Full Data Set
Event 1 form (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Form 1 (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Form 2 (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
HCT calculation test	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Event 2 form	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Laura test	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Project Information (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Form 1 D04e4f (survey)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

* De-identified means that all free-form text fields will be removed, as well as any date/time fields and Identifier fields.

External Modules: Configuration Permissions

Privileges may be defined regarding whether the user can set or modify the configuration of an External Module that has been enabled on this project. Below are the currently enabled modules. NOTE: Only administrators may modify the module configuration permissions here.

- Image Map*

*Permissions based on user's Project Design/Setup rights

Save Changes
Cancel
Remove user

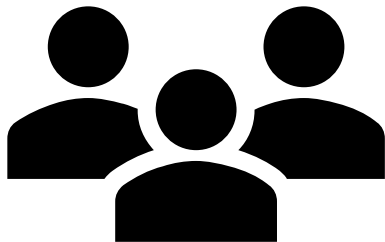
User rights management

Uses / Reasons why?

Roles

Suspending users

Data Access Groups



Data Access Groups (DAG)

Separate records by group:

- Users in a DAG can only see records assigned to their group
- Records created by a user in a DAG automatically get assigned to that DAG
- Records can be re-assigned
 - Via the record home page
 - Via data import
- Users not in any DAG can see all records.
- DAG's are independent of user rights
 - Set both for new users

Adding DAGs

Project Home Project Setup User Rights Data Access Groups

[VIDEO: How to use Data Access Groups](#)

Access to certain project records may be limited by using Data Access Groups (DAGs), in which only users within a given Data Access Group can access records created by users within that group. This may be useful in the case of a multi-site or multi-group project that requires that groups not be able to access another group's data. Once you have created DAGs, if you would like your users to be in multiple DAGs, you may use the optional DAG Switcher feature to allow users to move themselves in and out of specific DAGs on their own. [Additional instructions](#)

[Upload or download DAGs/User-DAG assignments](#)

+ Create new groups: Add new data access groups to which users may be assigned.

Enter new group name [+ Add Group](#)

Assign user to a group: Users may be assigned to any data access group. To assign users to [multiple groups](#), use the DAG Switcher at the bottom.

Assign user to [Assign](#)

Data Access Groups	Users in group	Number of records in group	Unique group name (auto-generated)	Group ID number	Delete group?
DAG 1		0	dag_1	18735	✖
[Not assigned to a group]	gkuhn1@washington.edu (Gretchen Kuhn), gkuhntst@washington.edu (Gretchen Kuhn Test) * Can view ALL records	13			

DAG Switcher: Enable multiple Data Access Groups for users Display options: Rows are DAGs
 Rows are Users

Users assigned to Data Access Groups (DAGs) can optionally be assigned to multiple *potential* DAGs, in which they may be given the privilege of switching in and out of specific DAGs on their own whenever they wish. To assign a user to multiple DAGs, check the checkboxes below for that user. At least two DAGs must be checked for a user in order for them to use the DAG Switcher. NOTE: This does not override a user's [current](#) DAG assignment, as set above or on the User Rights page.

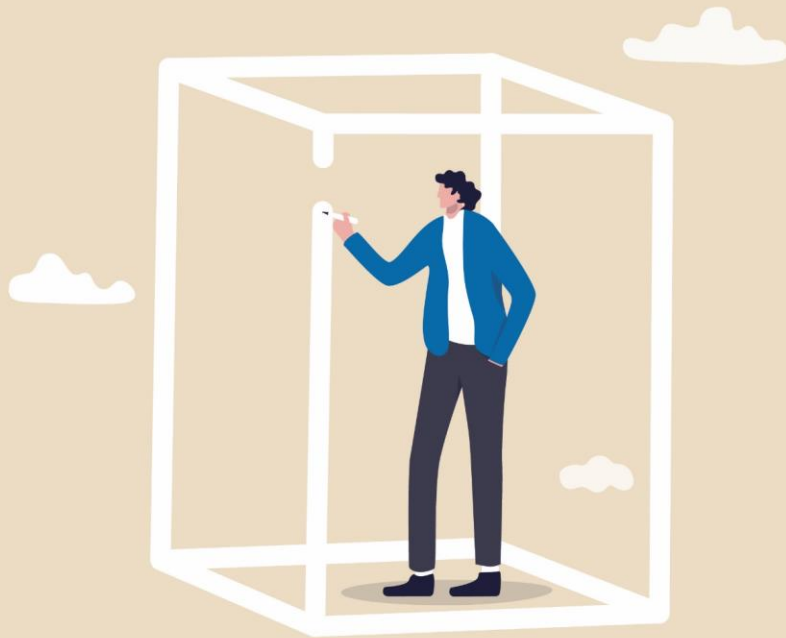
Show entries

Data Access Groups

Users

gkuhn1@washington.edu

gkuhntst@washington.edu



POLL

Do you send reports to any of the following?

NIH/CDC/Other government agencies

Tribal governments

PIs/Internal staff

IRBs

Community Partners

ITHS

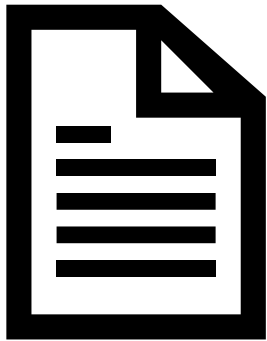
Institute of Translational Health Sciences
ACCELERATING RESEARCH. IMPROVING HEALTH.

Report building

Basic Steps

Use Case 1

Use Case 2



Basics Steps

- Select who can view and edit the report
- Choose the variables you want to include
 - Can select specific variables or choose based on instrument or event
- Add filters
 - Based on specific values, event, DAG

View a list of users who will have access to this report based on the selections above: [View user access list](#)

[Edit Access](#): Choose who can edit, copy, or delete this report (requires user to have 'Add/Edit/Organize Reports' privileges)

All users - OR - Custom user access (Users in ANY groups selected below will have access)

Selected users	Selected user roles	Selected DAGs
<ul style="list-style-type: none"> gkuhn1@washington.edu (Gretchen Kuhn) gkuhntst@washington.edu (Gretchen Kuhn Test) 	Data Entry	DAG 1

View a list of users who will have access to this report based on the selections above: [View user access list](#)

STEP 2

Fields to include in report [+ Quick Add](#) Add all fields from selected instrument

Field 1	record_id "Record ID"	Instrument: Event 1 form
Field 2	basiccalc "Basic calc"	Instrument: Form 1
Field 3	-- select a field --	

✓ -- choose instrument --

- Event 1 form
- Form 1
- Form 2
- HCT calculation test
- Event 2 form
- Laura test
- Project Information
- Form 1 D04e4f

Additional report options (optional)

- Include the Data Access Group name for each record (if record is in a group)?
- Include the survey identifier field and survey timestamp field(s)?
- Combine checkbox options into single column of only the checked-off options (will be formatted as a text field when exported to stats packages)
- Include the repeating instance fields (redcap_repeat_instrument, redcap_repeat_instance) in the report and data export?
- Remove line breaks/carriage returns from all text data values (only applicable for CSV Raw and CSV Label data exports)

In the report header, display the field label, variable, or both (not applicable for exports)? Both

In the report's data, display the field label, raw data value, or both for multiple choice fields (not applicable for exports)? Both

STEP 3

Show data for all events for each record returned [?](#) [How to use filters and AND/OR logic](#)

Filters (optional) **Operator / Value**

Filter 1	Type variable name or field label	=	
	in All events		

Switch format: [Use advanced logic](#)

TIP: Use [X-instance] Smart Variables to filter repeating data.

- Show only repeating instance data: `[current-instance] <> ""`
- Show only the first repeating instance: `[current-instance] <> ""` and `[current-instance] = [first-instance]`

Additional Filters (optional) (Records belonging only to ALL selections below will appear in the report)

Filter by	Event 1 (Arm 1: Arm 1)	Filter by DAG(s):	DAG 1
-----------	------------------------	-------------------	-------

In the report header, display the field label, variable, or both (not applicable for exports)? Both

In the report's data, display the field label, raw data value, or both for multiple choice fields (not applicable for exports)? Both

STEP 3

Show data for all events for each record returned ? [? How to use filters and AND/OR logic](#)

Filters (optional)

Filter 1	Type variable name or field label <input type="text"/>	<input type="button" value="v"/>	Operator / Value	= <input type="text"/>
	in All events			

Switch format: [Use advanced logic](#)

TIP: Use [X-instance] Smart Variables to filter repeating data.

- Show only repeating instance data: `[current-instance] <> ""`
- Show only the first repeating instance: `[current-instance] <> ""` and `[current-instance] = [first-instance]`

Additional Filters (optional)

(Records belonging only to ALL selections below will appear in the report)

Filter by event(s):	Event 1 (Arm 1: Arm 1) Event 2 (Arm 1: Arm 1) Pre-screener (Arm 2: Arm 2)	Filter by DAG(s):	DAG 1
----------------------------	---	--------------------------	-------

Live Filters (optional)

Live Filters can be selected on the report page for dynamically filtering data in real time. With the exception of the Record ID field, only multiple choice fields can be used as Live Filters (as well as Events, if longitudinal, and Data Access Groups, if any exist).

Live Filter 1	-- select a field --
Live Filter 2	-- select a field --
Live Filter 3	-- select a field --

STEP 4

Order the Results (optional)

First by	record_id "Record ID" <input type="button" value="AB1"/>	Ascending order
Then by	Type variable name or field label <input type="button" value="v"/>	Ascending order
Then by	Type variable name or field label <input type="button" value="v"/>	Ascending order

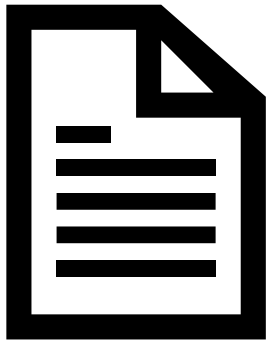
[Cancel](#)

Report building

Basic Steps

Use Case 1

Use Case 2



Use Case 1 – “To Contact” List

You need to reach out to participants who have consented but haven’t completed their baseline survey

- Variables:
 - Participant name
 - Participant contact preference
 - Participant email and phone number
- Filters:
 - Consent is complete
 - Baseline survey is not complete

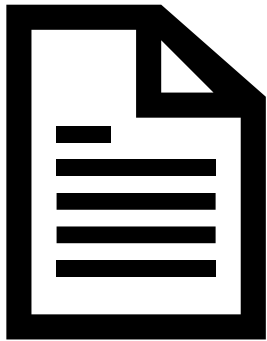
Bonus: Add filter logic to not include participants who you mark as “contacted”

Report building

Basic Steps

Use Case 1

Use Case 2



Use Case 2 – Participants who have consented by site

You need to send a report that breaks down participant enrollment by study site to send to your PI and study sponsor.

- Variables:
 - Participant ID
 - Enrollment site
 - Enrollment date
- Filters:
 - Enrollment survey is complete
- Optional: Live filters
 - Filter based on DAG

Improving overview / workflow

Creative report uses

Creative report uses

- You can build as many reports as you want
- REDCap runs the report every time you access it – “real-time” data
- Useful options
 - Filter logic
 - Live filters
 - Sorting
- Other uses:
 - To do lists
 - Data quality

Report Building Class

Offered every 2 months – see iths.org for more information




ITHS Institute of Translational Health Sciences
ACCELERATING RESEARCH. IMPROVING HEALTH.

ABOUT COMMUNITY INVESTIGATORS EDUCAT

Importing, Exporting and Reporting (RC-302)

REDCap has quite a few options for importing and exporting data besides the standard manual data entry process. Learn to be a REDCap pro at moving large datasets in and out of REDCap. This class also covers some of the basic API (Application Programming Interface) capabilities. We will point you to the relevant API resources, but we won't cover basic programming.

TRAINER




Ann Gleason

TOPICS

- Report building
- Exporting data from REDCap
- Importing data
- Backup options
- API basics

TRAINING MATERIALS

 302 – Importing, Exporting, & Reporting 4 MB

UPCOMING SESSIONS

Categories Tags

< MARCH 2024 > Collapse All Expand All Agenda

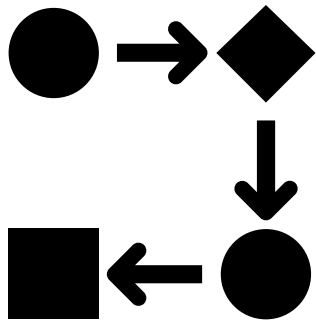
MAR
19
Tue

Importing, Exporting and Reporting (RC-302) – 3/19/24 @ Online Event
Mar 19 @ 11:50 am – 12:35 pm

< MARCH 2024 > Subscribe to filtered calendar

Improving overview / workflow

Custom dashboards



Custom dashboards

- Need "project design/setup" rights to setup
- Found in the "Record Status Dashboard"
- Filter based on:
 - Branching logic
 - Completion status
 - Events
 - Forms
- Assorted display options available

Record Status Dashboard (all records)

Displayed below is a table listing all existing records/responses and their status for every data collection instrument (and if longitudinal, for every event). You may click any of the colored buttons in the table to open a new tab/window in your browser to view that record on that particular data collection instrument. Please note that if your form-level user privileges are restricted for certain data collection instruments, you will only be able to view those instruments, and if you belong to a Data Access Group, you will only be able to view records that belong to your group.

Legend for status icons:

- Incomplete Incomplete (no data saved) ?
- Unverified Partial Survey Response
- Complete Completed Survey Response

Dashboard displayed: [Default dashboard] ▾ ✎ Create custom dashboard

Displaying Data Access Group -- ALL -- ▾

Displaying record Page 1 of 1: "2" through "14" ▾ of **12** records ALL (12) ▾ records per page

+ Add new record for this arm

Displaying: [Instrument status only](#) | [Lock status only](#) | [All status types](#)

Arm 1: Arm 1

Arm 2: Arm 2

Record ID	Event 1				Event 2		
	Form 1	HCT calculation test	Laura test	Project Information	Form 1	Event 2 form	Project Information
<u>2</u>	●	●	<input type="radio"/>	<input type="radio"/>	●	<input type="radio"/>	<input type="radio"/>
<u>3</u>	●	●	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>4</u>	●	●	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>5</u>	●	●	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>6</u>	●	●	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>7</u>	●	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>8</u>	●	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>9</u>	●	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>10</u>	●	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>11</u>	●	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>12</u>	●	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>14</u>	●	●	<input type="radio"/>	<input type="radio"/>	●	<input type="radio"/>	<input type="radio"/>



POLL

Does your project do outreach in rural communities or areas with limited internet access?



REDCap Mobile App

- Offline data collection
- Study devices used by study staff

MyCap

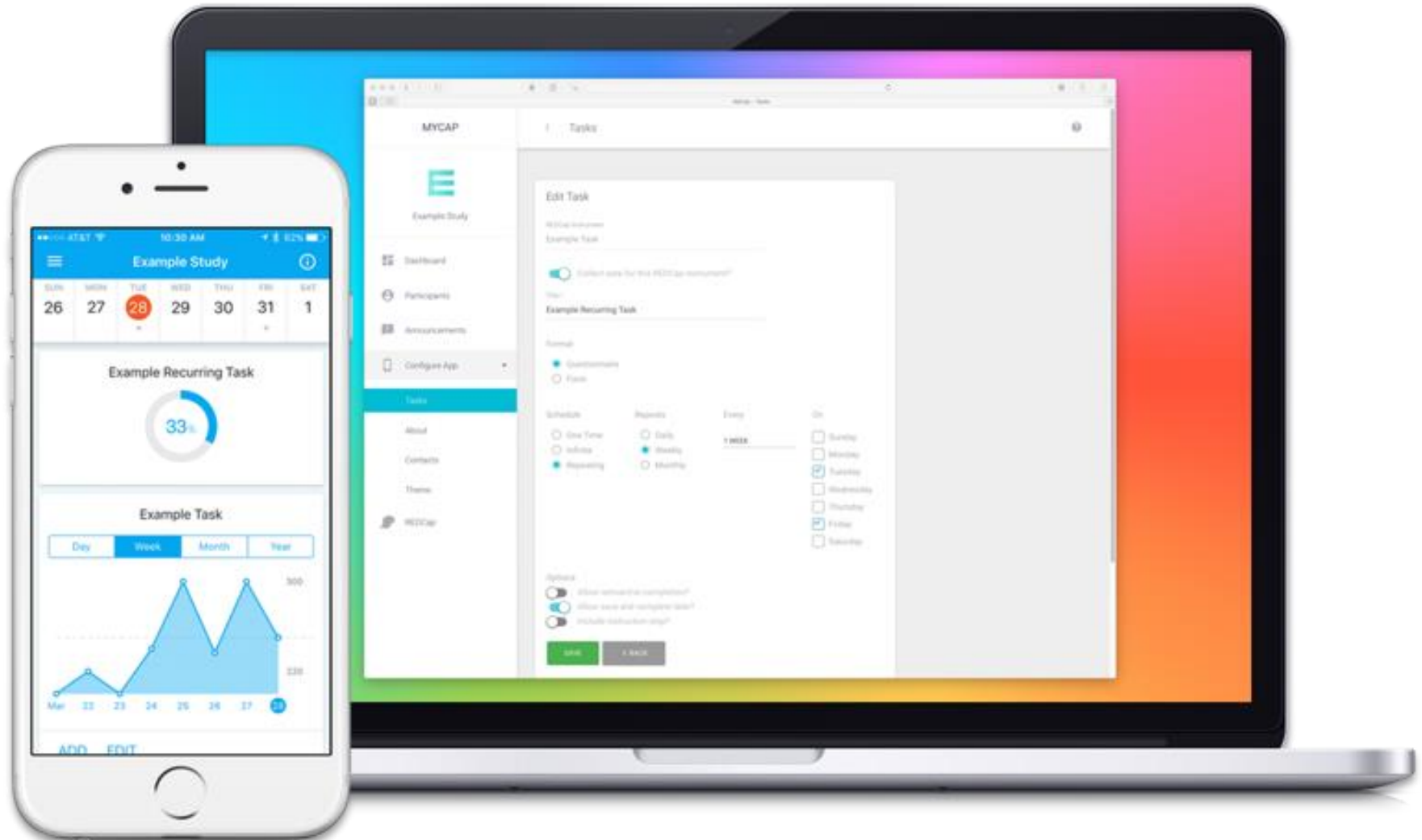
- Offline and internet connected data collection
- Participants' devices, used directly by participants

Mobile App Uses

- Tablets used by study staff to collect participant data
- Offline data collection option
 - Community outreach events
 - Participant home visits
 - International studies with unreliable internet
- Sync data back to REDCap servers once internet is established



MyCap



MyCap



Recurring
outcomes or
monitoring



Active Tasks using
phone sensors



Multiple, frequent
data collection
points



Continuous
participant
engagement and
communication

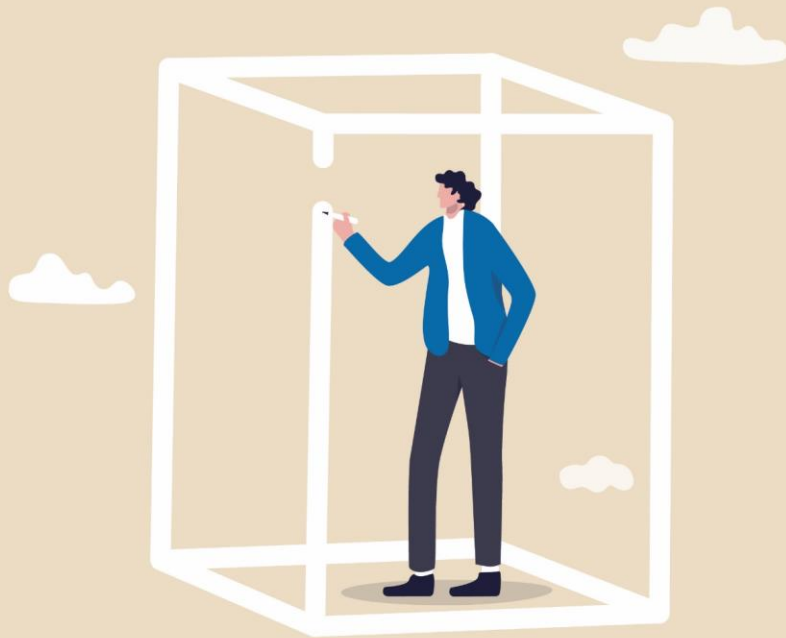


Vulnerable,
remote
populations or
remote studies of
highly contagious
diseases



Studies with
limited staff or
limited funding for
reimbursing
participants for
travel





POLL

Does your project use any of the following for study recruitment:

Social media

QR codes

Website posts

Another type of online recruitment

Preventing Bots & Fraudulent Participation

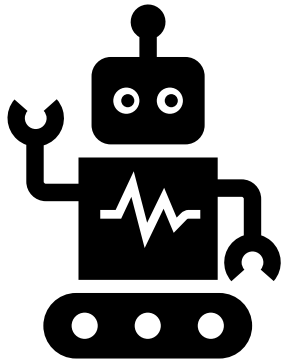
Frauds

Solutions

ReCAPTCHA

Honeypot Question

eConsent



Potential Frauds

- Human
 - Eligible individuals completing study twice presumably without malicious intent
 - Taking study repeatedly for incentive
 - Ineligible individuals
- Bots
 - Software application programmed to perform tasks

Solutions

Anti-Human

- Include combination of questions designed to identify inconsistencies
- Disclosing consequences of submitting fraudulent data
- Highlighting active data surveillance
- When appropriate, some open-ended questions
- Be deliberate with recruitment/distribution
- Smart incentives

Anti-Bot

- Completely Automated Public Turing test to tell Computers and Humans Apart (ReCAPTCHA)
- Honeypot questions
- Study eligibility logic
- Paradata collection/analysis


ReCAPTCHA

Survey Distribution Tools

[🔗 Public Survey Link](#) [👤 Participant List](#) [📄 Survey Invitation Log](#)

Using a public survey link is the simplest and fastest way to collect responses for your survey. You may obtain the survey link below to email it to your participants. Responses will be collected anonymously (unless the survey contains questions asking for identifying data from the participant). **NOTE:** Since this method uses a single survey link for all participants, it allows for the possibility of participants taking the survey multiple times, which may be necessary in some cases.

To obtain the survey link, copy the URL below and paste it into the body of an email message in your own email client. Your email recipient(s) can then click the link to begin taking your survey.

Public Survey URL: 

Protect the public survey using the Google reCAPTCHA feature [?](#)

Link Actions

[↶ Open public survey](#)

[↶ Open public survey + ↷ Log out](#)

[✉ Send me URL via email](#)

[🔑 Survey Access Code or !\[\]\(dc7d17b015a4a5f15a29473bc04652a8_img.jpg\) QR Code](#)

Link Customizations

[</> Get Embed Code](#)

ReCAPTCHA

To proceed to the survey, please check off the box and click the button below.

I'm not a robot



reCAPTCHA
Privacy - Terms

Begin survey

Select all images with
bicycles



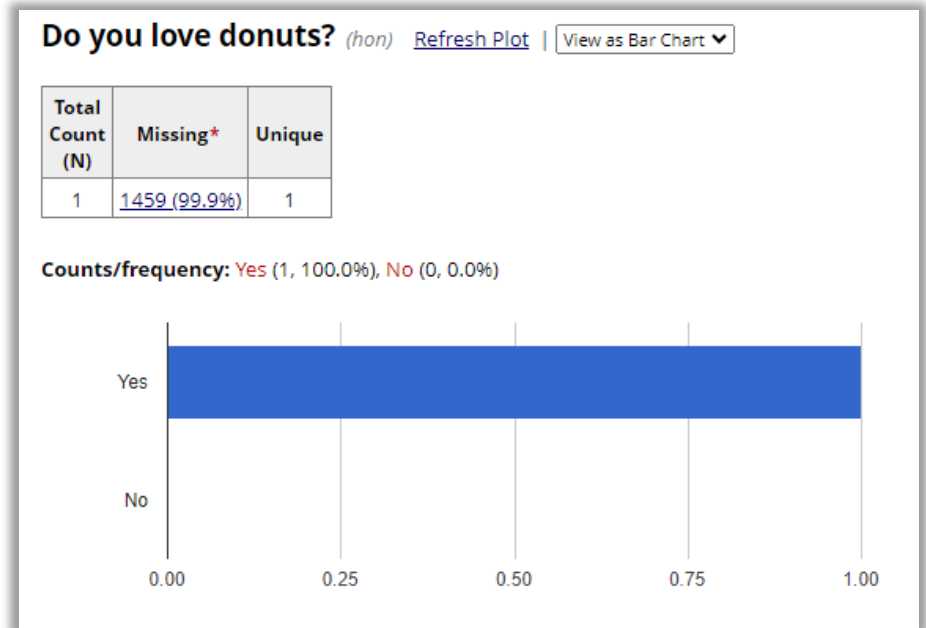
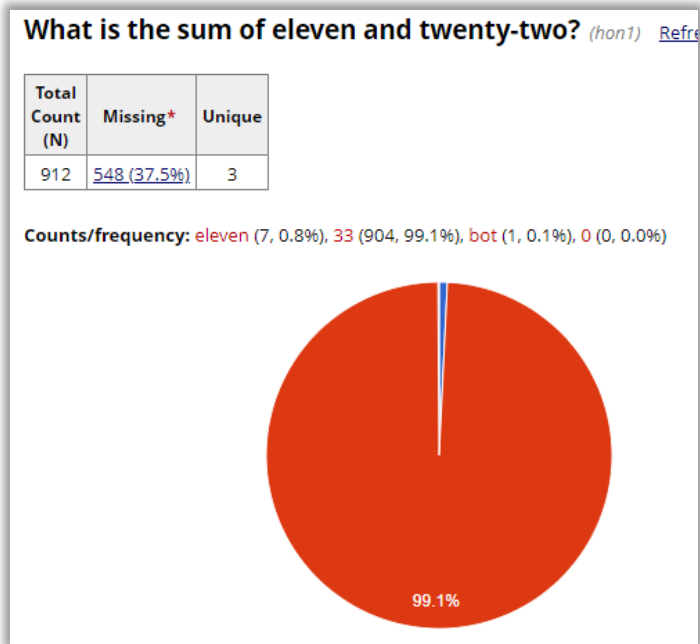
VERIFY



Institute of Translational Health Sciences
ACCELERATING RESEARCH. IMPROVING HEALTH.

Honeypot Question

238	[hon]	Do you love donuts?	radio, Required 1 Yes 2 No Field Annotation: @HIDDEN-SURVEY
-----	-------	---------------------	--



eConsent

File Repository

The File Repository allows users to store, organize, and share files used for this project. Folders and sub-folders can be created, and there is no limit to number of folders that can be created or the number of files that can be stored within them. If you are using Data Access Groups or user roles in the project, you may limit access to a new folder so that it is DAG-restricted and/or role-restricted. All deleted files will go to the Recycle Bin where they can be restored/undeleted for up to 30 days, after which they will be permanently deleted.

NOTE: Since Data Access Groups exist in this project, please be aware that any files uploaded here will be available to ALL project users unless the files have been uploaded into a DAG-restricted folder.



Show 25 entries

Search in current folder

0 MB of 150 MB used (0%)

All Files / PDF Survey Archive

Download all (zip)

Name	Record	Survey	Survey Completion Time	Identifier (Name, DOB)	IP Address	Version
 Paper_Rock_pid29869_formConsent_Form_id3_2022-12-05_100629.pdf	3	Consent Form (Baseline (Arm 1: First Year)) #1	12/05/2022 10:06am	Paper Rock	97.113.114.104	1
 Paper_Paper_pid29869_formConsent_Form_id14_2022-08-17_130739.pdf	14	Consent Form (Baseline (Arm 1: First Year)) #1	08/17/2022 1:07pm	Paper Paper	97.113.107.212	1

Getting Help

Contact REDCap administrator

- REDCap has built in help on the Project Setup page and when building forms through Online Designer
- Click on the Contact REDCap administrator link at the top or bottom of the left menu to send a question
- Find more classes on the ITHS web page
- Information on our weekly office hours is located at the top of the My Projects page.



Not started

I'm done!

Design your data collection instruments & enable your surveys

Add or edit fields on your data collection instruments (survey and forms). This may be done by either using the Online Designer (online method) or by uploading a Data Dictionary (offline method). You may then enable your instruments to be used as surveys in the Online Designer. Quick links: [Download PDF of all instruments](#) OR [Download the current Data Dictionary](#)

Go to [Online Designer](#) or [Data Dictionary](#) Explore the [REDCap Instrument Library](#)

Have you checked the [Check For Identifiers](#) page to ensure all identifier fields have been tagged?

Learn how to use [\[+\] Smart Variables](#) [Piping](#) [@ Action Tags](#) [Field Embedding](#) [Special Functions](#)

Questions?

