

# Flight Tracker Consortium Meeting

October 5, 2022



[www.edgeforscholars.org](http://www.edgeforscholars.org)

 [@EdgeForScholars](https://twitter.com/EdgeForScholars)

[https://redcap.link/flight\\_tracker](https://redcap.link/flight_tracker)

# Meeting Agenda



## **What's New?**

**IDP Questions in Mentee-Mentor Agreements**

**Security Updates**

**Deep Dive: REDCap Reports**

## **What's Next?**

**Uploading Tables 2-4 & Turning them into REDCap Data**

**Email Highlights of New Data**

**Office Hours with Rebecca & Scott**



# What's New?

# Mentee-Mentor Agreements



- Wanted to “check the IDP box” because of overlap and requirements
- Topics
  - Research Skills (Clinical and/or Lab)
  - Scientific Presentations
  - Abstracts and Manuscripts (Submitted or Published)
  - Grant Writing and Teaching (If Applicable)
  - Networking and Related Activities (e.g., Workshops, Trainings, Seeking Mentors)
- Option to add a link to **program-specific requirements** (e.g., REDCap Survey)



# IDP Questions



<b>IDP</b> What recent accomplishments do you have concerning grant writing and teaching (if applicable)?	<input type="text"/> <small>Aim for brevity and use bullets.</small>
<b>IDP</b> What short-term goals do you have concerning grant writing and teaching (if applicable)?	<input type="text"/> <small>Aim for brevity and use bullets.</small>
<b>IDP</b> What long-term goals do you have concerning grant writing and teaching (if applicable)?	<input type="text"/> <small>Aim for brevity and use bullets.</small>
<b>IDP</b> What recent accomplishments do you have concerning networking and related activities (e.g., workshops, trainings, seeking mentors)?	<input type="text"/> <small>Aim for brevity and use bullets.</small>
<b>IDP</b> What short-term goals do you have concerning networking and related activities (e.g., workshops, trainings, seeking mentors)?	<input type="text"/> <small>Aim for brevity and use bullets.</small>

Free-text entry, chronicling:

- Recent Accomplishments
- Short-Term Goals
- Long-Term Goals

# Security Scans



- Several institutions sent me security scans from their IT.
- Reviews are **helpful** and **welcomed**. I took note of their suggestions and improved the code for newer releases.
- If your IT folks ever ask detailed questions about REDCap, Flight Tracker, or External Modules, don't fret! Just forward them to me.





# Deep Dive

## REDCap Reports

## Purpose



Download extremely specific information about your scholars to make comparisons, analyses, and more.

View your data in a human-readable way.

View data that isn't available in Flight Tracker's native visualizations.

Look at extremely specific groups beyond what the cohort creator allows.

Export to Excel and manipulate data.



## Overview of REDCap Reports



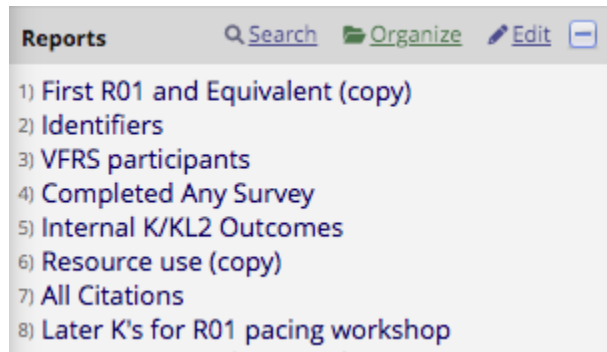
Reports allow you to choose each variable you're interested in and only look at those variables rather than the entire data set.

Can also filter to only some records based on various criteria.

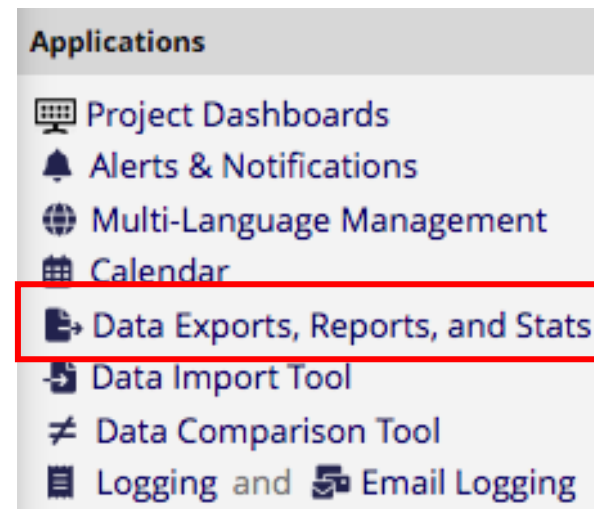
# Overview of REDCap Reports



Access reports in the sidebar on any REDCap project page.



View existing reports



Create and edit reports

# Overview of REDCap Reports



List of reports with links to view, edit, copy, delete

My Reports & Exports						
	Report name	View/Export Options	Management Options	Report ID (auto-generated)	Unique report name (auto-generated)	
<b>A</b>	<b>All data</b> (all records and fields)	<a href="#">View Report</a> <a href="#">Export Data</a> <a href="#">Stats &amp; Charts</a>				
<b>B</b>	<b>Selected instruments</b> (all records)	<input type="text" value="Make custom selections"/>				
1	Summaries	<a href="#">View Report</a> <a href="#">Export Data</a> <a href="#">Stats &amp; Charts</a>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	86153	R-493HCE3RXD	
2	Sample Data	<a href="#">View Report</a> <a href="#">Export Data</a> <a href="#">Stats &amp; Charts</a>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	86179	R-913EFMXXYN	
3	Degrees (priority left)	<a href="#">View Report</a> <a href="#">Export Data</a> <a href="#">Stats &amp; Charts</a>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	86167	R-1413YN43CR	
4	Departments (priority left)	<a href="#">View Report</a> <a href="#">Export Data</a> <a href="#">Stats &amp; Charts</a>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	86168	R-877ET93CEF	
5	Date Of Birth (priority left)	<a href="#">View Report</a> <a href="#">Export Data</a> <a href="#">Stats &amp; Charts</a>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	86171	R-87184YYKYR	
6	Race & Ethnicity (priority left)	<a href="#">View Report</a> <a href="#">Export Data</a> <a href="#">Stats &amp; Charts</a>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	86172	R-856RCYJ484	
7	Race & Ethnicity Last 5 Years	<a href="#">View Report</a> <a href="#">Export Data</a> <a href="#">Stats &amp; Charts</a>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	137680	R-564CLTNEKP	
8	Gender (priority left)	<a href="#">View Report</a> <a href="#">Export Data</a> <a href="#">Stats &amp; Charts</a>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	86173	R-371PK4NLX8	

# Building a Report



**+ Create New Report**   **My Reports & Exports**   **Other Export Options**

This module allows you to easily view reports of your data, inspect plots and descriptive statistics of your data, as well as export your data to Microsoft Excel, SAS, Stata, R, or SPSS for analysis (if you have such privileges). If you wish to export your *\*entire\** data set or view it as a report, then Report A is the best and quickest way. However, if you want to view or export data from only specific instruments (or events) on the fly, then Report B is the best choice. You may also create your own custom reports below (if you have such privileges) in which you can filter the report to specific fields, records, or events using a vast array of filtering tools to make sure you get the exact data you want. Once you have created a report, you may view it as a webpage, export it out of REDCap in a specified format (Excel, SAS, Stata, SPSS, R), or view the plots and descriptive statistics for that report.

## My Reports & Exports

# Building a Report



Add variables. Each field = one variable.

**STEP 2**

**Fields to include in report** + Quick Add Add all fields from selected instrument: -- choose instrument --

<b>Field 1</b>	<input type="text" value="record_id 'Record Id'"/>	<input type="button" value="v"/>	Instrument: <b>Identifiers</b>	<input type="button" value="x"/>
<b>Field 2</b>	<input type="text" value="Type variable name or field label"/>	<input type="button" value="v"/>	Instrument:	

# Building a Report



Quick Add:  
View and  
select variables

<b>Identifiers</b> ( <a href="#">Select All</a> / <a href="#">Deselect All</a> )	
<input checked="" type="checkbox"/>	record_id "Record Id"
<input type="checkbox"/>	identifier_first_name "First Name"
<input type="checkbox"/>	identifier_middle "Middle Name/Initial"
<input type="checkbox"/>	identifier_last_name "Last Name"
<input type="checkbox"/>	identifier_email "Email"
<input type="checkbox"/>	identifier_email_source "Email Source"
<input type="checkbox"/>	identifier_email_sourcetype "Email Self-Reported?"
<input type="checkbox"/>	identifier_orcid "ORCID If invalid ORCID, please place on exclude_orcid field in Excl..."
<input type="checkbox"/>	identifier_block_orcid "Block automated searching for ORCID?"
<input type="checkbox"/>	identifier_orcid_source "ORCID Source"
<input type="checkbox"/>	identifier_orcid_sourcetype "ORCID Self-Reported?"
<input type="checkbox"/>	identifier_stop_collection "Stop all automated collection for this person?"
<input type="checkbox"/>	identifier_vunet "VUNet ID"

# Building a Report



Add variables one by one (helpful when you're not sure exactly where the information you want lives)

**STEP 2**

**Fields to include in report** + Quick Add Add all fields from selected instrument: -- choose instrument --

Field 1	record_id "Record Id"	Instrument: Identifiers	X
Field 2	last	Instrument:	

**Additional report options**

- Include the survey identifier
- Combine checkboxes
- Include the repeating
- Remove line breaks/c

In the report header, display

In the report's data, display

- identifier\_last\_name "Last Name"
- identifier\_is\_engaged "Common Metrics: Mark [identifier\_first\_name] [identifie
- summary\_last\_calculated "Summary Last Calculated"
- summary\_t\_end "End of Last Training Grant"
- summary\_t\_end\_source "End of Last Training Grant Source"
- summary\_t\_end\_sourcetype "End of Last Training Grant Self-Reported?"
- summary\_last\_any\_k "Last Any K Date"

field when exported to stats packages)

report and data export?

data exports)

for exports)? Both

# Building a Report



## Filtering: Restrict to a subset of scholars

**STEP 3**

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

**Filters (optional)**

Filter	Operator / Value
Filter 1 summary_ever_last_any_k_to_r01_equ <input type="button" value="RB()"/>	= <input checked="" type="checkbox"/>
AND <input type="button" value="v"/>	
Filter 2 Type variable name or field label <input type="button" value="v"/>	

Switch format: [Use advanced logic](#)

**TIP:** Use [X-instance] Smart Variable

- Show only repeating instance data
- Show only the first repeating instal

Converted Any K to R01-or-Equivalent in While on K  
Converted Any K to R01-or-Equivalent not While on K  
Still on K; No R01-or-Equivalent  
Not on K; No R01-or-Equivalent  
No Any K, but R01-or-Equivalent  
No Any K; No R01-or-Equivalent  
Used K99/R00



## Example Use Cases



- View the list of who has converted to R01 along with their degree, department, and email address.
- View citizenship of your scholars.
- View list of everyone in a specific department.
- Create a list of recently awarded Ks to speak at a workshop.
- Find titles and mechanisms of each scholar's first grant.

Live Demo





**What's Next?**

## Uploading Old Tables 2-4



- Currently, can upload old tables 5 & 8 to import data.
- Now, do same for tables 2-4.
- Both into REDCap and trainee numbers shared with other projects.
- Goal: Make the NIH Reporting Tables less painful.
- Also exploring how to get Tables 2-4 to talk to xTRACT in eRA Commons.



# Nightly Update Emails



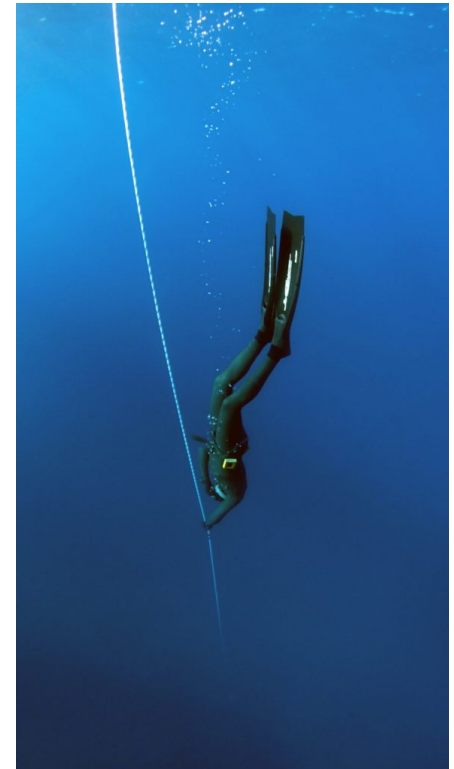
- Sent to project administrators
- Currently, boring & technical → **Colorful**, more informative
- Want to highlight individual scholar accomplishments
  - New publications
  - New grants
  - New patents



## Upcoming Deep Dive Topics



**November:** Uploading data in CSVs  
**December:** All about REDCap Forms



# Troubleshooting Call



## Monthly Troubleshooting Call (optional)

Third Wednesday at 1pm Central Time  
October 19, 2022

*Driven by Your Questions & Problems*  
All are welcome!

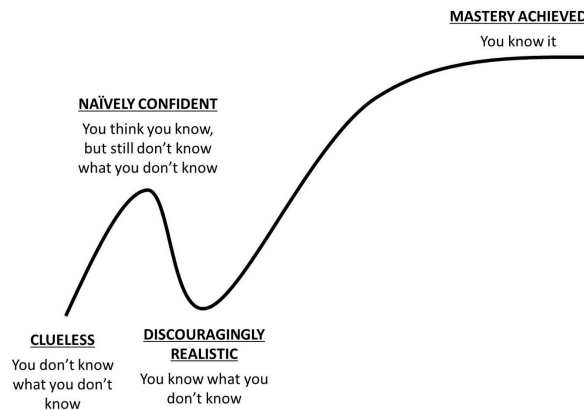
Ask to join our email list for an invitation...



# Newbie Call



## Just getting started with Flight Tracker?



There's a definite learning curve.  
Move up more quickly by joining  
**October's "newbie" call.**

**Wednesday, October 12 at 12pm Central Time**

Leave your email in the chat to receive an invitation



# Office Hours with Rebecca & Scott



[www.edgeforscholars.org](http://www.edgeforscholars.org)

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[https://redcap.link/flight\\_tracker](https://redcap.link/flight_tracker)