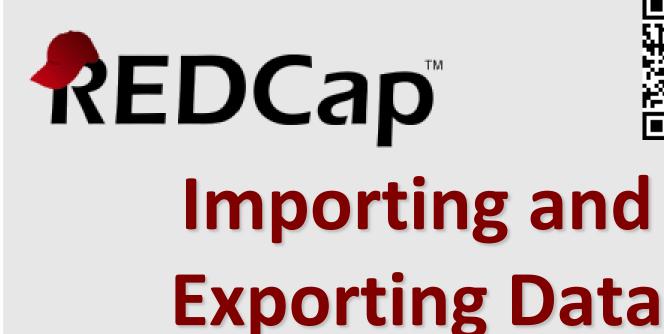
REDCap Advanced Topics

University of Iowa



Institute for Clinical and Translational Science (ICTS)

https://www.icts.uiowa.edu/conflue nce/display/ICTSit/REDCap#REDCap -REDCapAdvancedTopicsTraining



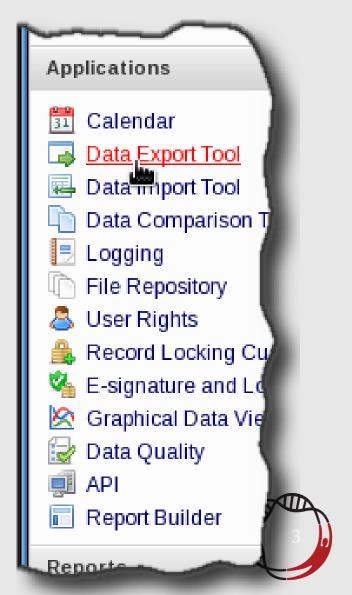


https://www.icts.uiowa.edu/confluenc e/download/attachments/53149797/ REDCap_Import_Export_Data.pdf

Data Export Tool

Enables export of project data to the following formats:

- Microsoft Excel
- SAS
- Stata
- R
- SPSS



Simple Data Export

Exports your entire data set.



Excel File Data Export

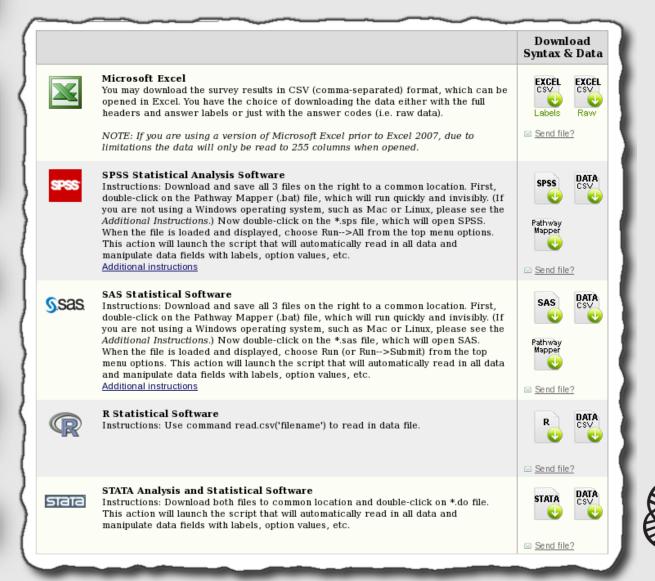
Citation Notice reminder.

la La	Citation Notice	: th
NI Γh na <u>Ad</u>	Please cite the REDCap project when publishing manuscripts (citation information and template methods language are available here).	s.
i A	Okay	st, : (1





Data Export File Formats



Excel File Data Export

Download raw Excel CSV file:

T	_	- AI			auy_ra			`
	4	А	В	С	D	Е	F	
	1	study_id	first_name	last_name	dob	age	address	pΙ
	2	1234	John	Mac∆rthur	6/19/1939	71	Santa Clarita, California	1
	3	1235	Jerry	Jenkins	9/23/1949	61	Kalamazoo, Michigan	
	4	1236	Tim	LaHaye	4/27/1926	85	Detroit, Michigan	
	5	1237	Max	Lucado	1/11/1955	56	San Antonio, Texas	
	6	1238	Charles	Swindoll	10/18/1934	76	Plano, Texas	
	7	1239	Elisabeth	Elliot	12/21/1926	85	Ecuador, Curaray River	
	8	1240	Ken	Ham	10/20/1951	59	Queensland, Australia	
L	9							



Specify export fields

 Select de-identified data



This option provides a variety of choices for custom what data gets exported. You may select individual one at a time or entire data collection instruments to You may also utilize the data de-identification option your user privileges permit) that allow you to limit the amount of sensitive information that you are export wish.

Display advanced options



Select fields to be exported:

Select All Deselect All Every field in the project						
Duplicate Last Export Repeat field selection from your last export	1					
Select All Deselect All Form: Demographics						
Form: Demographics						
Study ID (study_id)	✓					
Demographics Information						
First Name (first_name)						
Last Name (last_name)						
Date of Birth (dob)						
Age (calculated): (age)						
Street, City, State, ZIP (address)						
Phone number (phone_number)						
Behavior						
Do you currently smoke? (smokingcurrently)	✓					
On average, how many packs of cigarettes do you smoke per day? (smokingpacksperday)	✓					
How many years have you been smoking? (smokingyears)	☑ /					
Supplied the supplied to the s						



De-Identification export options:

<u>De-Identification Options (optional)</u> The options below allow you to limit the amount of sensitive information t
Known Identifiers:
Remove all known Identifier fields (tagged in Data Dictionary)
Hash the Study ID (converts record name to an unrecognizable value)
Free-form text: Remove unvalidated Text fields (i.e. Text fields other than dates, numb)
Remove Notes/Essay box fields
Date and datetime fields:
Remove all date and datetime fields
Shift all dates by value between 0 and 364 days (shifted amount detelment is date shifting?
Deselect all options
Deselect all options



Hash Study Id via export options:

_		caay	_10
4	Д	В	С
1	study_id	age	smokingals
2	f6c7dc11f9da61d3f49d44427e749f97	71	0
3	cclecf571116d75cbd54b230f1dbebce	61	1
4	499dd437dc04109ad5221e0faf678c94	85	0
5	c109f2bbd1921e435f0d780772fa9e87	56	0
6	3279ed480d72effea0e7a56c59771075	76	0
7	ed800714ca9bd1d7ba18a322151234f6	85	1
8	12bed15cb9fecabfb656155b89d5e973	59	0
9.			

Other Export Options

Exports all records in a project to a PDF report.

Other export options

🏂 PDF (includes data for all records)

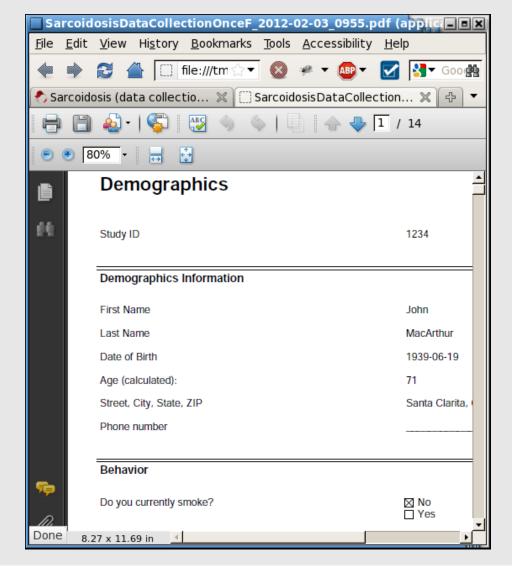
The data for all records in this project may be page format as you would see it on the data e data collection instruments. Click the icon to the

Note: If your project has a large amount of field be very large both in file size and in page leng



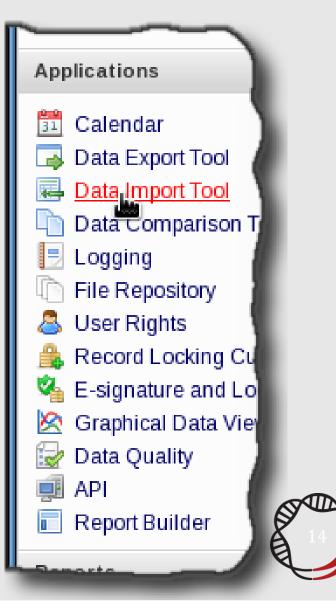
PDF Export Display

Exports all records in a project and formats the data into to a PDF report.



Data Import Tool

Enables import of project data via a CSV format.



Importing Data from Scratch

Download Data Import Template:

Download your Data Import Template (with records in rows).

OR

Download your Data Import Template (with records in columns)

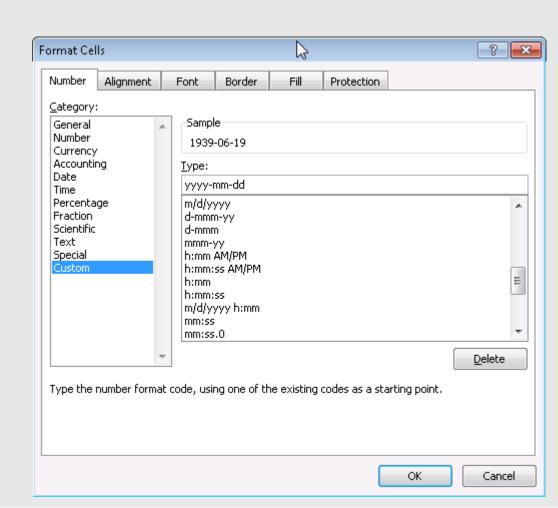


Import File Preparation: Date Field

Format Cells

Date field should be saved to a custom format:

yyyy-mm-dd



Import Preparation: Calculated Field

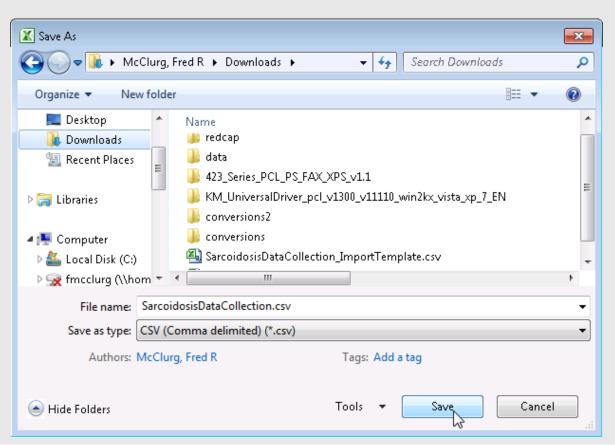
- REDCap is unable to import the data saved to a Calculated Field.
- A column of calculated fields should be deleted before importing.
- REDCap will re-compute all calculated fields after import.



Import Preparation: Calculated Field

Save file in CSV format via:

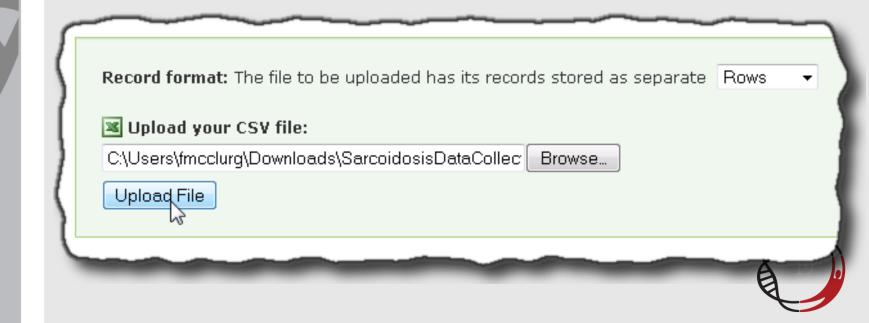
- 1. File -> Save as ...
- 2. Save as type: CSV (Comma delimited) *.csv





Upload CVS File

- Indicate file by clicking the "Browse" button.
- Import file by clicking the "Upload File" button.



Data Display Table Review

Review data import

Instructions for Data Review

The data you uploaded from the file is displa ensure that it is all correct. After reviewing it import this data into the project.

KEY for Data Display Table below

Black text = New Data

Gray text = Existing data (will not change)

(Red text) = Data that will be overwritten

Red box = error

Orange box = warning

Import Data Display Table

- Review Data Display Table
- Press the "Import Data" button

record) 1240 (existing record)	Ken	Ham	1951-10-20	Queensland, Australia
1241 (new record)	Jim	Elliot	1927-10-08	Ecuador, Curaray River

Do you wish to import the new data (displayed above) into the projet (Click the button below to import the data.)



Importing Calculated Fields

Calculated fields can't be imported.

height_ft

5.3

(calc) Calculated fields cannot be imported. They can only be calculated on the data collection instrument. Please remove this field from the data import file.

The calculated field columns must be deleted from the CSV file before importing.



Importing Longitudinal Data

In longitudinal studies, the event name can not be specified in the CSV file and imported:

Field Name Value		Error Message		
redcap_event_name	Enrollment	This field name does not exist in the project. redcap_event_name is a pseudo-field that is only used during data export. It cannot be imported. Since you have already defined multiple Events, you will be given the choice to select which uploaded records belong to which event once you have removed all errors here and upload the file again.		



Importing Logitudinal Events

In longitudinal studies:

- Upon import, the event must be specified interactively.
- **❖**Records that belong to the same event should be imported together.

1	Select an Event	mrn	first_name	middle_name	last_name
	Enrollment -	12-12345-1	Grub	R	Longfellow



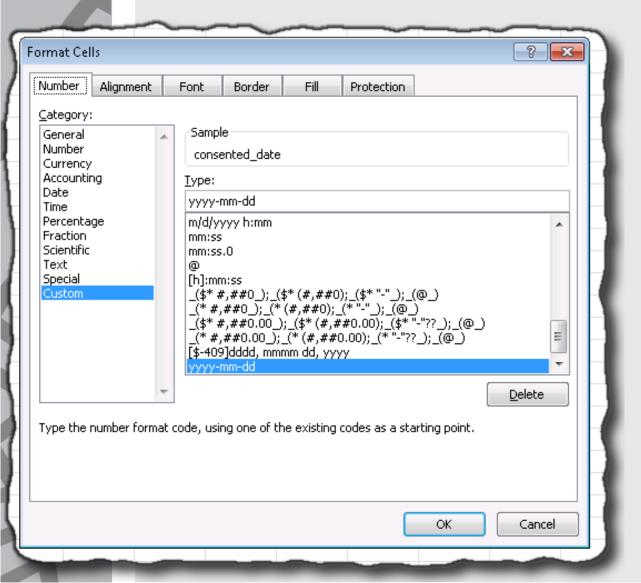
Importing Dates

Date fields must be in the format: YYYY-MM-DD

Field Name	Value	Error Message
entry_date	09-06-2011	Invalid date format. (NOTE: Dates must be imported here only in Y-M-D or M/D/Y format, regardless of the specific date format designated for this field.)



Formatting Dates for Import



The date format can be specified via the Excel menu:

Home=>Format=>
Format Cells

A custom number category of the following type should be specified:

yyyy-mm-dd

This format should allow import of date fields.

REDCap Newsletter

- Monthly REDCap Newsletter
 - Upcoming Training
 - ☐ Walk-in Hours Schedule
 - ☐ Helpful Tips
 - New REDCap Functionality
 - ☐ Frequently Asked Questions (and answers)
 - ☐ REDCap Best Practices
- REDCap LISTSERV Subscription:
 - https://list.uiowa.edu/scripts/wa.exe?SUBED1=REDCAP&A=1



REDCap Documentation

- Training within REDCap:
 - FAQs (Help & FAQ Tab):



https://redcap.icts.uiowa.edu/re
dcap/index.php?action=help

Video (Training Resources Tab):



https://redcap.icts.uiowa.edu/re
dcap/index.php?action=training

Local REDCap documentation:



https://icts.uiowa.edu/confluence/cisplay/ICTSit/REDCap