

REDCap YES3 Exporter External Module

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YALE UNIVERSITY
SCHOOL OF
MEDICINE

Learning Objectives

In today's session, you will learn:

- What is the Yale Study Support Suite (YES3)
- What is the YES3 Exporter
 - What enhancements & features does it have
- How does the YES3 Exporter work
 - What export layouts are available
- How you can get the YES3 Exporter

What is YES3?

- The Yale Study Support Suite (YES3) are software tools released to the REDCap consortium for worldwide use
- External Modules work within REDCap to expand its functionality
- Based on systems designed, deployed, and perfected over several decades to support research operations
- Available to you at no cost - developed through grant awards

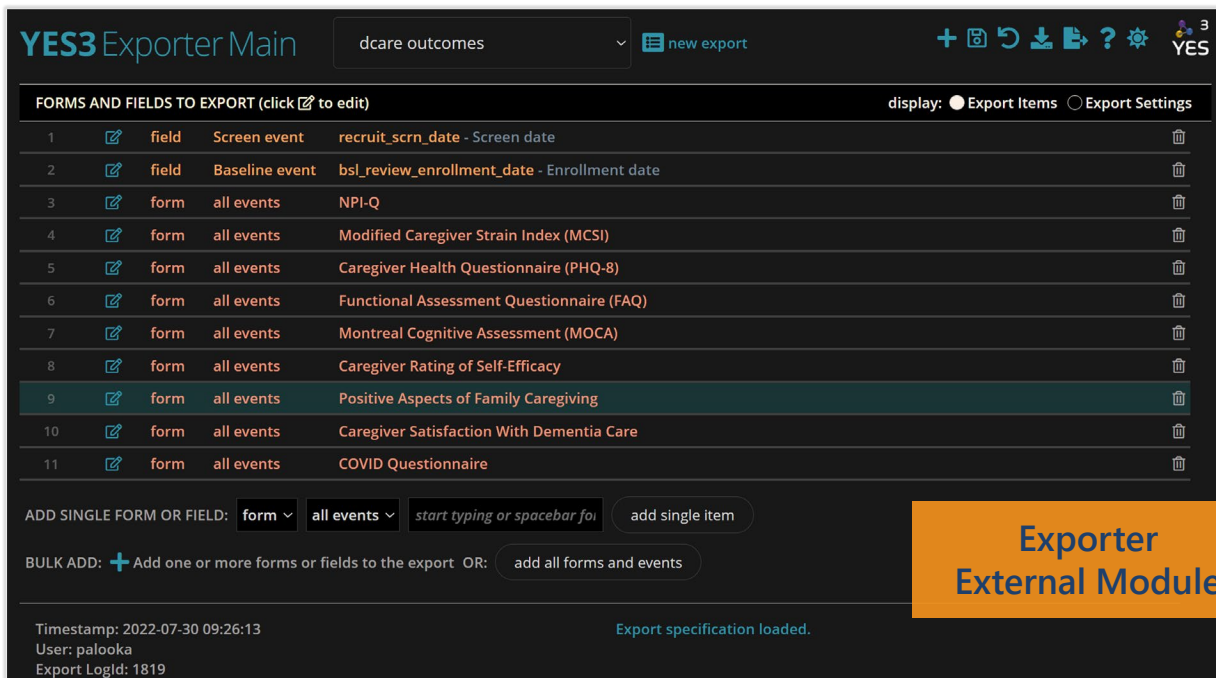


Peter Charpentier presents YES3 at the International REDCap Conference 2022

What External Modules are part of the Suite?

- YES3 Exporter
- YES3 Dashboard
- YES3 Study Portal

Today's training will focus on the YES3 Exporter.



The screenshot displays the YES3 Exporter Main interface. At the top, there is a header with the title "YES3 Exporter Main", a dropdown menu set to "dcare outcomes", and a "new export" button. The main area is titled "FORMS AND FIELDS TO EXPORT (click [edit icon] to edit)" and includes a "display:" section with radio buttons for "Export Items" (selected) and "Export Settings". Below this is a table with 11 rows, each representing a different form or field. The table columns are: a checkbox, a type (field or form), an event type (all events), a name, and a description. The 9th row, "Positive Aspects of Family Caregiving", is highlighted. At the bottom of the interface, there are buttons for "ADD SINGLE FORM OR FIELD:" and "BULK ADD:". The "ADD SINGLE FORM OR FIELD:" button has dropdowns for "form" and "all events", a text input field with the placeholder "start typing or spacebar for", and an "add single item" button. The "BULK ADD:" button has a plus icon and the text "Add one or more forms or fields to the export OR: add all forms and events". At the very bottom, there is a timestamp "2022-07-30 09:26:13", the user "palooka", the export log ID "1819", and a status message "Export specification loaded."

	checkbox	type	event type	name	description	trash
1	<input type="checkbox"/>	field	Screen event	recruit_scrn_date	- Screen date	<input type="checkbox"/>
2	<input type="checkbox"/>	field	Baseline event	bsl_review_enrollment_date	- Enrollment date	<input type="checkbox"/>
3	<input type="checkbox"/>	form	all events	NPI-Q		<input type="checkbox"/>
4	<input type="checkbox"/>	form	all events	Modified Caregiver Strain Index (MCSI)		<input type="checkbox"/>
5	<input type="checkbox"/>	form	all events	Caregiver Health Questionnaire (PHQ-8)		<input type="checkbox"/>
6	<input type="checkbox"/>	form	all events	Functional Assessment Questionnaire (FAQ)		<input type="checkbox"/>
7	<input type="checkbox"/>	form	all events	Montreal Cognitive Assessment (MOCA)		<input type="checkbox"/>
8	<input type="checkbox"/>	form	all events	Caregiver Rating of Self-Efficacy		<input type="checkbox"/>
9	<input type="checkbox"/>	form	all events	Positive Aspects of Family Caregiving		<input type="checkbox"/>
10	<input type="checkbox"/>	form	all events	Caregiver Satisfaction With Dementia Care		<input type="checkbox"/>
11	<input type="checkbox"/>	form	all events	COVID Questionnaire		<input type="checkbox"/>

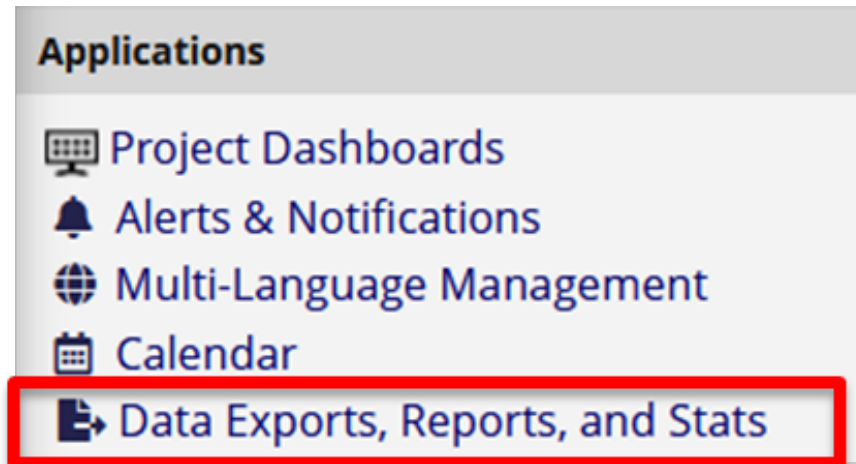
ADD SINGLE FORM OR FIELD:

BULK ADD: Add one or more forms or fields to the export OR:

Timestamp: 2022-07-30 09:26:13
User: palooka
Export LogId: 1819
Export specification loaded.

Exporter
External Module

How many of you have used the built-in data export feature in REDCap?



The standard export option in REDCap has many useful features (*filters, de-identifying, exporting to statistical packages*).

REDCap Export Limitation

- Longitudinal projects are exported as one row per event resulting in multiple rows per record.
 - Those new or inexperienced with statistical software find it difficult to analyze longitudinal data.
 - Those familiar with statistical software often subset longitudinal data by events and combine them to one row per subject.



Is there a way to export the longitudinal data in a format that will make things easier?

What are the enhancements in the YES3 Exporter?

YES3 Exporter Enhancements & Features

- Flexible output spreadsheet layouts (*horizontal, vertical, repeating form*)
 - Longitudinal: One row per record all events!
 - Simplifies analysis with statistical software
- Improved performance
 - Faster: can handle large exports
- Enhanced data dictionary
 - Export-specific data dictionary: simplifies data sharing
 - Metadata and distributions: quick reporting and validation
- Can export directly to a host file system
- Light and dark themes

There is a way!

YES3 Exporter Enhancements & Features

- Security and Compliance
 - Conforms to REDCap v12 or above - form-specific access and export rights
 - Audit trails and tracking
 - Detailed export history log
 - Automated email summary of export activities (optional)
- Export templates and specifications
 - Templates can be saved and re-used
 - Specifications can be rolled back and restored


Enhanced Feature: Export-Specific Data Dictionary

- YES3 Data Dictionary is specific to the data in your export
 - Includes metadata and data distribution summaries
 - Summary data includes count, range, #nonblank, and either a frequency table or mean & variance, as appropriate to field type

var_name	var_label	var_type	valueset	origin	redcap_field_name	redcap_form_name	redcap_event_id	redcap_event_name	non_missing_count	min_length	max_length	min_value	max_value	sum_of_values	sum_of_squared_values	mean	standard_deviation	formatted_min_value	formatted_max_value	formatted_mean	frequency_table
study_id	Study ID	TEXT		redcap	study_id	prescreen	0	baseline	0												
redcap_data_access_group	REDCap Data	INTEGER		other					0												
redcap_data_access_group	REDCap Data	TEXT		other					0												
base_isi_date	Date of Inson	DATE		redcap	isi_date	insomnia	9817	baseline	81	10	10	1.614E+09	1.647E+09	1.32E+11	2.16E+20	1.6E+09	8331665	2/23/2021	3/14/2022	9/29/2021	
base_isi1	1. Difficulty fi	NOMINAL	{{"value":	redcap	isi1	insomnia	9817	baseline	81	1	1										{{"value":0,"count":28},{"value":1,"count":18},{"value":2,"count":19},{"
base_isi2	2. Difficulty si	NOMINAL	{{"value":	redcap	isi2	insomnia	9817	baseline	81	1	1										{{"value":0,"count":27},{"value":1,"count":17},{"value":2,"count":20},{"
base_isi3	3. Problems v	NOMINAL	{{"value":	redcap	isi3	insomnia	9817	baseline	81	1	1										{{"value":0,"count":43},{"value":1,"count":13},{"value":2,"count":9},{"v
base_isi4	4. How SATIS	NOMINAL	{{"value":	redcap	isi4	insomnia	9817	baseline	81	1	1										{{"value":0,"count":11},{"value":1,"count":16},{"value":2,"count":21},{"
base_isi5	5. How NOTIC	NOMINAL	{{"value":	redcap	isi5	insomnia	9817	baseline	81	1	1										{{"value":0,"count":39},{"value":1,"count":18},{"value":2,"count":13},{"
base_isi6	6. How WORR	NOMINAL	{{"value":	redcap	isi6	insomnia	9817	baseline	81	1	1										{{"value":0,"count":33},{"value":1,"count":25},{"value":2,"count":10},{"
base_isi7	7. To what ex	NOMINAL	{{"value":	redcap	isi7	insomnia	9817	baseline	81	1	1										{{"value":0,"count":27},{"value":1,"count":19},{"value":2,"count":17},{"
base_isi_symptom_score	Insomnia sym	FLOAT		redcap	isi_symptom	insomnia	9817	baseline	81	1	2	0	12	310	1952	3.82716	3.093502				
base_isi_impact_score	Insomnia imp	FLOAT		redcap	isi_impact	insomnia	9817	baseline	81	1	2	0	16	468	4446	5.77778	4.666369				
base_isi_score	Total Score	FLOAT		redcap	isi_score	insomnia	9817	baseline	81	1	2	0	28	778	11684	9.60494	7.255479				
base_isi_score_category	Total Score C	FLOAT		redcap	isi_score_ca	insomnia	9817	baseline	81	1	1	1	4	153	365	1.88889	0.974679				
base_insomnia_severity	ir Complete?	NOMINAL	{{"value":	redcap	insomnia_si	insomnia	9817	baseline	82	1	1										{{"value":0,"count":1},{"value":2,"count":81}}

For date/time field type, summaries of both date values and formatted values are included in the data dictionary

Enhanced Feature: YES3 Exporter Log

- Audit trails – logs all data exports activity
- Detailed information using the inspect  icon

YES3 Exporter Logs










test horizontal

all users

from mm / dd / yyyy

to mm / dd / yyyy

6 log records

	log id	timestamp	user	message	destination
	2035	2022-08-22 13:00:04		export files written	download
	2036	2022-08-22 13:00:04		export zip downloaded	download
	2038	2022-08-22 13:02:10		export files written	download
	2039	2022-08-22 13:02:10		export zip downloaded	download
	2041	2022-08-22 13:03:43		export files written	download
	2042	2022-08-22 13:03:43		export zip downloaded	download

YES3 Export Log Record

Log ID	2041
Project ID	588
Export Name	test horizontal
Export UUID	423f24aa-b76a-4601-8ebf-fb612743a324
Time Stamp	2022-08-22 13:03:43
User	[REDACTED]
Message	export files written
Destination	download
Log Entry Type	yes3-export-log
Export filename	/tmp/ys3a1pLLu
Data Dictionary filename	/tmp/ys3snhIAt
Bytes written	3673
Cells written	1054
Rows	82
Columns	16
Export specification	<input type="button" value="inspect"/>

YES3 Export Specification

log_id	2040
message	yes3-export-specification
timestamp	2022-08-22 13:03:35
removed	0
export_uuid	423f24aa-b76a-4601-8ebf-fb612743a324
export_name	test horizontal
export_username	[REDACTED]
export_layout	h
export_selection	2
export_criterion_field	enroll
export_criterion_event	9817
export_criterion_value	1
export_target	
export_max_label_length	
export_max_text_length	
export_inoffensive_text	0
export_remove_phi	0
export_remove_freetext	0
export_remove_targettext	0
export_remove_dates	0
export_shift_dates	0
export_hash_recordid	0
export_target_folder	/mnt/validation/clouds
export_items	form insomnia_severity_index all event

INSPECT ICON



Questions?

Next: *How do I get it?*

How do I install the YES3 Exporter so I can use it on my REDCap project?

Email your REDCap Administrator.

REDCap at Yale University

Send us an email at REDCap@yale.edu.

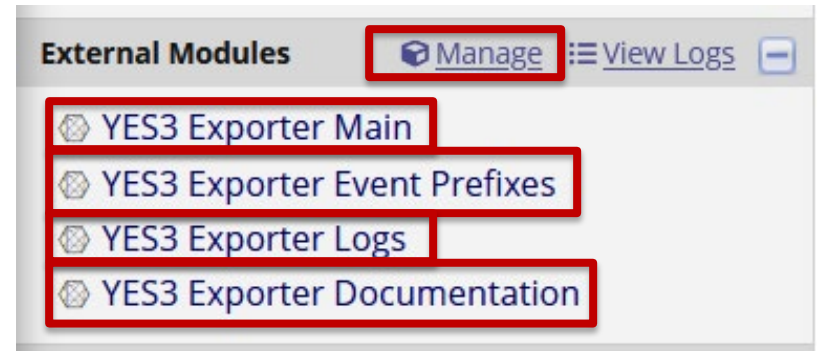
We will enable the module in your project.

There are resources to help you.

How does it work?

YES3 Exporter Components

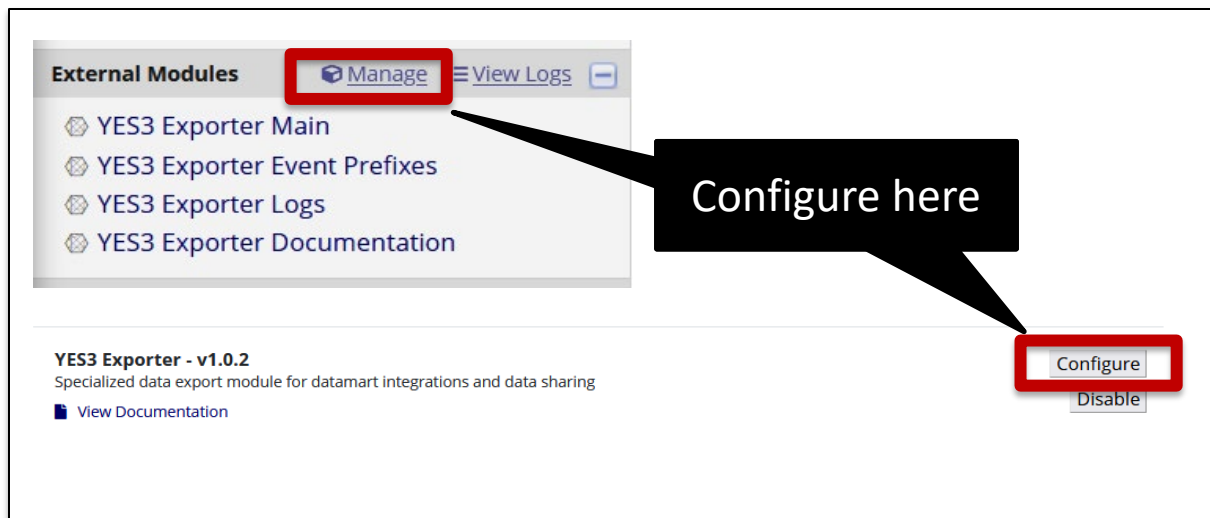
- Manage Configurations
- YES3 Exporter Main
 - Set up data export configurations
- YES3 Exporter Event Prefixes
 - Modify auto-generated prefixes to distinguish different events
- YES3 Exporter Logs
 - Audit trail of each export that has been created and downloaded
- YES3 Exporter Documentation
 - README, User Guide, Technical Guide, Change Log



YES3 Exporter Components

Manage: Configuration of Module

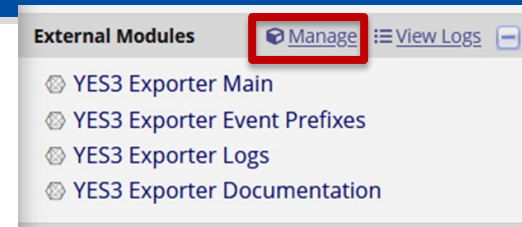
- **Set Up: Step #1**
 - Ask an Administrator to install the Exporter on your project
- **Set Up: Step #2**
 - Configure the Exporter
 - Must have project design and setup rights



YES3 Exporter Components

Manage: Export Configurations

- Manage configurations allows you to:
 - Enable daily email notifications
 - Permit exports to be saved to a host file system*
 - Set retention for backups



DAILY EMAIL NOTIFICATIONS

You may elect to receive daily summaries of YES3 Exporter actions by email.

Enable email notifications: No Yes

HOST FILE SYSTEM EXPORTS

YES3 Exporter can export to the host file system, n.b. to automounts pointing to secure institutional file shares. This will require services from your REDCap host system administrator, and the blessing of your Information Security Officer.

Enable export to host file system: No Yes

BACKUP RETENTION

By default, 20 generations of each export specification are retained, and can be restored using the 'undo' feature. You may change this number, or elect to retain all generations.

Specification backups to retain (default is 20):

* Additional approvals required

YES3 Exporter Components

Event Prefixes

- **Set up: Step #3,**
 - If you are using a horizontal layout, review and edit the auto-generated prefixes

Event prefixes

For horizontal export layouts the YES3 Exporter attaches event prefixes to column names. Keep the prefixes as short as you can manage. ?

Click [here](#) to restore your event prefixes to their default values.

Event	Prefix
baseline_arm_1	<input type="text" value="bas"/>
fu_45d_arm_1	<input type="text" value="fu4"/>
fu_6m_arm_1	<input type="text" value="fu6"/>
fu_12m_arm_1	<input type="text" value="fu1"/>
discontinuation_arm_1	<input type="text" value="dis"/>

YES3 Exporter Components

Main: Create Exports

1. Name your export and pick a layout format

New Export ✕

Please provide a name and and layout for the export to be added.

Note that while you can change the name later, you cannot change the layout once the export has been created.

Export NAME





Export LAYOUT Horizontal (longitudinal projects: one row per record)
 Vertical (one row per record+event)
 Repeating Form (one row per record+event+instance)

Export Layout #1 - Horizontal

- Longitudinal projects: one row per record

Example

Monthly follow up form for m1, m2 and m3 events:

Instrument: Monthly Follow Up Status (monthly_follow_up_status)							
 176	[mthly_fu_date]	Date	text (date_mdy), Required				
							
 177	[mthly_fu_complete]	Monthly Follow Up Completed	radio, Required				
			<table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No
1	Yes						
0	No						

Event prefixes added to field names:

study_id	m1_mthly_fu_date	m1_mthly_fu_complete	m2_mthly_fu_date	m2_mthly_fu_complete	m3_mthly_fu_date	m3_mthly_fu_complete
17	5/14/2021	1	6/9/2021	1	7/7/2021	1
18	3/30/2021	1	4/22/2021	1	5/20/2021	0
21	3/31/2021	1	4/28/2021	1	5/26/2021	1
23	4/16/2021	1	5/14/2021	1	6/9/2021	1
27	5/17/2021	1	5/14/2021	0	7/13/2021	0
28	4/29/2021	1	5/27/2021	1		
35	6/15/2021	1	7/13/2021	1	8/10/2021	1

Export Layout #2 - Vertical

- One row per record + event
- The REDCap event id is included in the data export file

Example

1	study_id	redcap_event_id	redcap_event_name	mothly_fu_date	mothly_fu_complete
2	17	9821	m1_arm_1	5/14/2021	1
3	17	9825	m2_arm_1	6/9/2021	1
4	17	9829	m3_arm_1	7/7/2021	1
5	17	9833	m4_arm_1	8/4/2021	1
6	17	9837	m5_arm_1	9/1/2021	1
7	17	9841	m6_arm_1	9/29/2021	1
8	18	9821	m1_arm_1	3/30/2021	1
9	18	9825	m2_arm_1	4/22/2021	1
10	18	9829	m3_arm_1	5/20/2021	0
11	18	9833	m4_arm_1	6/17/2021	0
12	18	9837	m5_arm_1		
13	18	9841	m6_arm_1		
14	21	9821	m1_arm_1	3/31/2021	1
15	21	9825	m2_arm_1	4/28/2021	1
16	21	9829	m3_arm_1	5/26/2021	1
17	21	9833	m4_arm_1	6/23/2021	0
18	21	9837	m5_arm_1	7/21/2021	1
19	21	9841	m6_arm_1	10/1/2021	1

Export Layout #3 – Repeating Form

- One row per record + event + instance
- Only **one repeating form** can be defined in the export. You cannot export repeating events.
- **Example**

1	study_id	redcap_event_id	redcap_event_name	redcap_repeat_instance	call_date	wks_frm_mat_start
2	28	9817	baseline_arm_1	1	10/22/2021	31.6
3	35	9817	baseline_arm_1	1	4/7/2021	3.3
4	35	9817	baseline_arm_1	2	4/13/2021	4.1
5	35	9817	baseline_arm_1	3	4/14/2021	4.3
6	35	9817	baseline_arm_1	4	4/27/2021	6.1
7	35	9817	baseline_arm_1	5	4/27/2021	6.1
8	35	9817	baseline_arm_1	6	5/17/2021	9
9	36	9817	baseline_arm_1	1	4/7/2021	1.1
10	36	9817	baseline_arm_1	2	4/7/2021	1.1
11	36	9817	baseline_arm_1	3	4/13/2021	2
12	36	9817	baseline_arm_1	4	4/27/2021	4
13	36	9817	baseline_arm_1	5	5/17/2021	6.9
14	36	9817	baseline_arm_1	6	5/17/2021	6.9
15	36	9817	baseline_arm_1	7	5/19/2021	7.1
16	36	9817	baseline_arm_1	8	5/23/2021	7.7

Special Note - Checkbox Field Type

- Data from checkbox fields are exported with the checked-off options combined in a single column
- This prevents innumerable columns in horizontal exports

Example:

study_id	base_date Lec	base Lec1
41	4/26/2021	2,3
46	4/30/2021	1,2,3
61	6/10/2021	1,2,3
70	6/22/2021	3
80	7/7/2021	1,2,3
88	10/5/2021	6
91	10/4/2021	1
96	7/12/2021	2
107	7/19/2021	1,3
109	7/30/2021	1,2,3

[lec1]

checkbox, Required

1	lec1__1	Happened to me
2	lec1__2	Witnessed it
3	lec1__3	Learned about it
4	lec1__4	Part of my job
5	lec1__5	Not sure
6	lec1__6	Doesn't apply

YES3 Exporter Main

Create an Export

2. Set your export settings








The screenshot shows the YES3 Exporter Main interface. At the top, there is a header with the logo 'YES3 Exporter Main', a dropdown menu set to 'Monthly FollowUp Status', and a 'new export' button. To the right are several utility icons: a plus sign, a document icon, a refresh icon, a download icon, a share icon, a question mark, a moon icon, and the YES3 logo with a '3' notification badge. Below the header is a dark green bar with the text 'EXPORT SETTINGS' on the left and 'display: Export Items Export Settings' on the right. The main content area is white and contains the following settings:


- Export name:** Monthly FollowUp Status
- Export layout:** Horizontal
- Options for selecting records to export ?**
 - Include:** All records Selected records
 - Selection criterion: field:** enroll
 - Selection criterion: event:** baseline_arm_1
 - Selection criterion: value(s):** 1
- Options for data compliance (de-identified and coded datasets)**
 - Remove tagged identifiers
 - Remove all freetext fields
 - Coded (shifted) dates
 - Remove date/time fields
 - Remove note/paragraph fields
 - Coded (hashed) record id values
- Options for conditioning exported values**
 - Sanitize exported text values by removing unprintable characters and HTML tags.
- Maximum field label length:** max #characters
- Maximum text value length:** max #characters



YES3 Exporter Main

Create an Export


3. Select your export items

YES3 Exporter Main new export +       

FORMS AND FIELDS TO EXPORT (click  to edit) display: Export Items Export Settings

*1  form all events Monthly Follow Up Status 

ADD SINGLE FORM OR FIELD:

BULK ADD:  Add one or more forms or fields to the export OR:

Instructions and Resources: Help Menu

- Click **?** to bring up the Help Menu

YES3 Exporter Main new export + 📄 ↶ ⬇️ 🔍 ? 🌙 3 YES

EXPORT SETTINGS display: Export Items Export Settings

Export name:

Export layout: Horizontal

Options for selecting records to export ?

Include: All records Selected records

Selection criterion: field

Selection criterion: event

Selection criterion: value(s)

Options for data compliance (de-identified and coded datasets)

Remove tagged identifiers Remove all freetext fields Coded (shifted) dates
 Remove date/time fields Remove note/paragraph fields Coded (hashed) record id values

Options for conditioning exported values

Sanitize exported text values by removing unprintable characters and HTML tags.

Maximum field label length:

External Modules Manage View Logs

- YES3 Exporter Main
- YES3 Exporter Event Prefixes
- YES3 Exporter Logs
- YES3 Exporter Documentation**

Instructions and Resources: Exporter User Guide

- Purpose:
 - Step-by-step instructions
 - Includes a How-To Guide and Quick Start Tutorial
- Audience:
 - People creating the exports

home

The YES3 Exporter

User Guide, Technical Guide, Change Log and more

User Guide

REDCap External Module
Version 1.0.0, August 2022

Introduction

The YES3 Exporter external module compliments REDCap's reports and data export tool by adding functionality to support integration with statistical software and datamarts.

Features

- **Flexible output spreadsheet layouts**
 - Horizontal (longitudinal design- one row per record, all events), vertical, and repeating form layouts
- **Speed - good performance on large exports!**
 - In testing it took 186 seconds to export 3,272 rows and 3,079 columns to a 33MB export csv file
- **Optimized for datamart integrations: payload includes data, data dictionary, data distributions, and project metadata**

External Modules [Manage](#) [View Logs](#)

- YES3 Exporter Main
- YES3 Exporter Event Prefixes
- YES3 Exporter Logs
- YES3 Exporter Documentation**

Instructions and Resources: Technical Guide

- Purpose:
 - Explains how the data is processed
- Audience:
 - People writing programs to process files (*statisticians, data managers, programmers*)

home

The YES3 Exporter

User Guide, Technical Guide, Change Log and more

Technical Guide

YES3 Exporter Version 1.0.0, August 2022

Intended Audience

This guide is intended for individuals who will be writing programs to process files generated by the YES3 Exporter. These include data managers and statistical programmers writing programs to import YES3 Exporter data into statistical systems such as SAS and R, as well as application developers seeking to integrate the YES3 Exporter into datamart generation and validation workflows.

The YES3 technical team

The following individuals participate in one aspect or another - usually multiple aspects - of YES3 software development.

Katy Araujo *ninja, testing, documentation*

Venugopal Bhatia, *application developer*

Peter Charpentier, *lead EM developer*

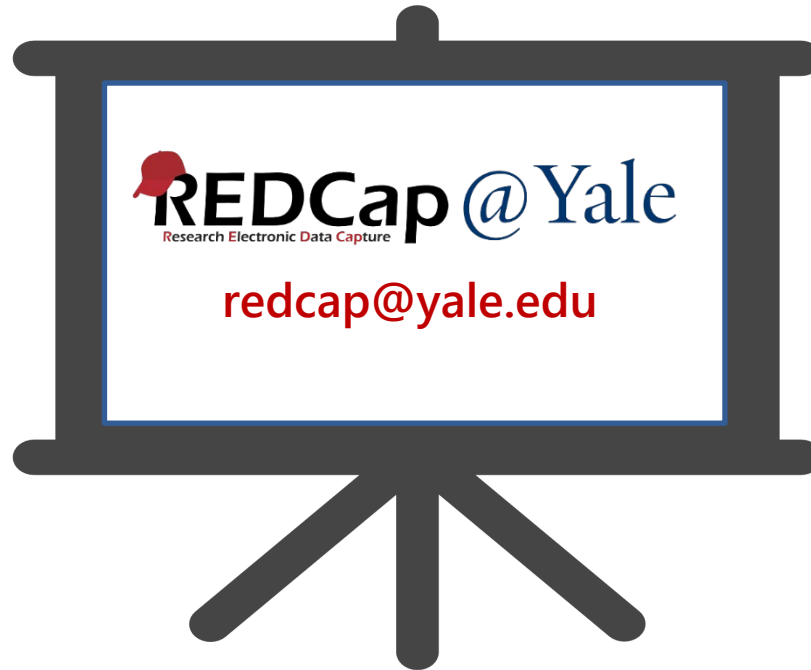
Kraig Eisenman, *IT system engineer*

Brian Funaro, *lead IT system engineer*

Mary Geda, *program manager, documentation lead*

Kaitlin Maciejewski, *testing*

Questions



The YES3 Exporter was funded by:

***Yale Claude D. Pepper Older Americans Independence Center (OAIC) grant
Development Project Award for the Operations Core, 3P30AG021342.***

Extra Slides

What is YES3?

- Together, YES3 External Modules (EMs) can be used to help researchers:

- Share information and reports
- Improve data quality
- Build datamarts
- Coordinate workflow and assignments
- Automate tasks
- Track milestones
- Monitor study progress

GEARSSV2 YES3 Dashboard palooka all data access groups

all records n = 14

record #	mm	last	first	ED D/C	Screen	BSL	4Day	30Day	90Day	Discontinued
TS-00018	open	MIR1274292	Susan	04/07/2022	1	Complete	Complete	Complete	10/06/2022	form
TS-00026	open	atradcdc	form	form						form
TS-00034	open	4444444	Winters							form
TS-00042	open	MIR123456	form							form
TS-00059	open	addadad	form							form
TS-00067	open	dfadfadf	form							form
TS-00075	open	dfadfadf	form							form
TS-00083	open	form	form							form
TS-00091	open	Mlxxxxx	Smith							form
TS-00109	open	Mlxxxxx	Brown							form
TS-00117	open	MIR1201909	Galli							form
TS-00125	open	000000	form							form
TS-00133	open	form	form							form
TS-00141	open	form	form							form

YES3 INSPECTOR TS-00067

Recruit	Screen
Screening date	04/08/2022
Screen Eligible	1
Recruit	Consent Form
Person providing consent	Self (participant)
Date of consent	04/08/2022
Recruit	Post Screen
ED discharge date	04/08/2022
ED Disposition	Discharged
Baseline	Baseline Interview Call Log #1
Interview contact attempt date and time	04/08/2022 16:15
Outcome of call	Unable to reach
Baseline	Fail
FALL DOMAIN STATUS:	Yes

1. Did you (the) call come to the ED today because of a fall? A fall is defined as an unexpected event in which a person comes to the ground, floor, or lower level.

DCareSite:Home TST

SITE ASSIGNMENT
Hello Peter! You are currently signed in as change and assigned to site TST. If you like you may change your site assignment to TST, the testing site. Use the drop-down menu below to change your site assignment.

TST

Other Dashboards
Recruitment Dashboard
Assessments Dashboard
MOC Dashboard
CRDC Dashboard

STUDY DOCUMENTS

Data Collection Forms

Data Collection Forms

Screening Form
Baseline Patient Interview
Baseline Caregiver
Baseline Visit Check Off List
Baseline Form Packet, V1.0
Baseline_Self_Admin PDF combined
Caregiver Contact Information
Caregiver Rating of Dementia Care Quality_06.06.19_V1.0
Caregiver Satisfaction with Dementia Care_05-05-19_V1.0
Caregiver Self-Efficacy_V1.0
Follow Up Telephone Interview
Follow up 12 Month Self-Admin PDF combined files
Follow up 3 Month Self-Admin PDF combined files
Follow up 6 Month Self-Admin PDF combined files
Functional Assessment Questionnaire_V1.0
Katz Index of Independence in Activities of Daily Living_V1.0
MOC V1.0
MOC Instructions
MOC Telephone
Mortality Questionnaire
NPI-C Severity & Distress_V1.0
PHQ-9_V1.1.5
Positive Aspects of Family Caregiving_V1.0
QOL_V1.0
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Verification of Eligibility

STUDY PROGRESS PCOB Progress Report NOW AVAILABLE! Progress Report Card

	TST	All Sites
DCARE enrollment day number	1095 (112% of period)	1095 (112% of period)
Enrollment progress	116 / 538 (21.6%)	2176 / 2150 (101.2%)
PCP referrals	582	9770
First PCP referral	09-01-2018	01-24-2019
Most recent PCP referral	08-23-2021	04-21-2022
Recruitment letters mailed	249	2444
First mailing	09-07-2018	06-25-2019
Most recent mailing	09-10-2021	01-18-2022
Off-site persons returned	39 (16% of mailed)	1 (0% of mailed)
Pre-screen clinic visits	70	540
First clinic visit	09-11-2018	03-02-2018
Most recent clinic visit	06-19-2019	01-19-2022
Total pre-screen contacts	366	1672
Pre-screen optouts	91 (25% of prescreens)	134 (1% of prescreens)
Pre-screen ineligible	1 (0% of prescreens)	1970 (18% of prescreens)
Eligible for pre-baseline screen	274 (75% of prescreens)	7689 (70% of prescreens)
Telephone screens	52	490
First telephone screen	07-22-2019	03-11-2019
Most recent telephone screen	09-20-2021	03-17-2022
Clinic screens	189	130
First clinic screen	03-04-2019	06-25-2019
Most recent clinic screen	01-18-2021	10-19-2020
Total screens	247	4320
Eligible for baseline	223 (90% of screens)	2947 (70% of screens)
Consented to baseline	205 (83% of screens)	2824 (67% of screens)
Baseline interviews attempted	135	2437
First baseline interview	06-18-2019	06-28-2019
Most recent baseline interview	08-23-2021	01-31-2022
Consented to study participation	124 (90% of attempted)	2176 (77% of attempted)
Enrolled participants	116 (93% of interviewed)	2176 (100% of interviewed)

Dashboard External Module

Web Portal External Module

When should I use the YES3 Exporter?

Project / Function	REDCap Export	YES3 Exporter
Classic Project	✓	✓
Longitudinal Project – Vertical export format	✓	✓
Longitudinal Project – Horizontal export format		✓
Single repeating form	✓	✓
Multiple repeating forms	✓	
Custom data dictionary with data distributions (Classic or longitudinal)		✓
Filter, sort, delete exports	✓	