



UDSv4: Technical Resources

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2024 Fall ADRC Meeting

Built a Modern Electronic Data Capture & Submission System

Electronic Data Capture & Submission (EDCS) Workgroup

- Launched in January 2022
- 111 people across 33 ADRCs

Requirements



Development



Documentation and Training



Built a Modern Electronic Data Capture & Submission (EDCS) System

Saves time, enhances sharing, and improves data quality



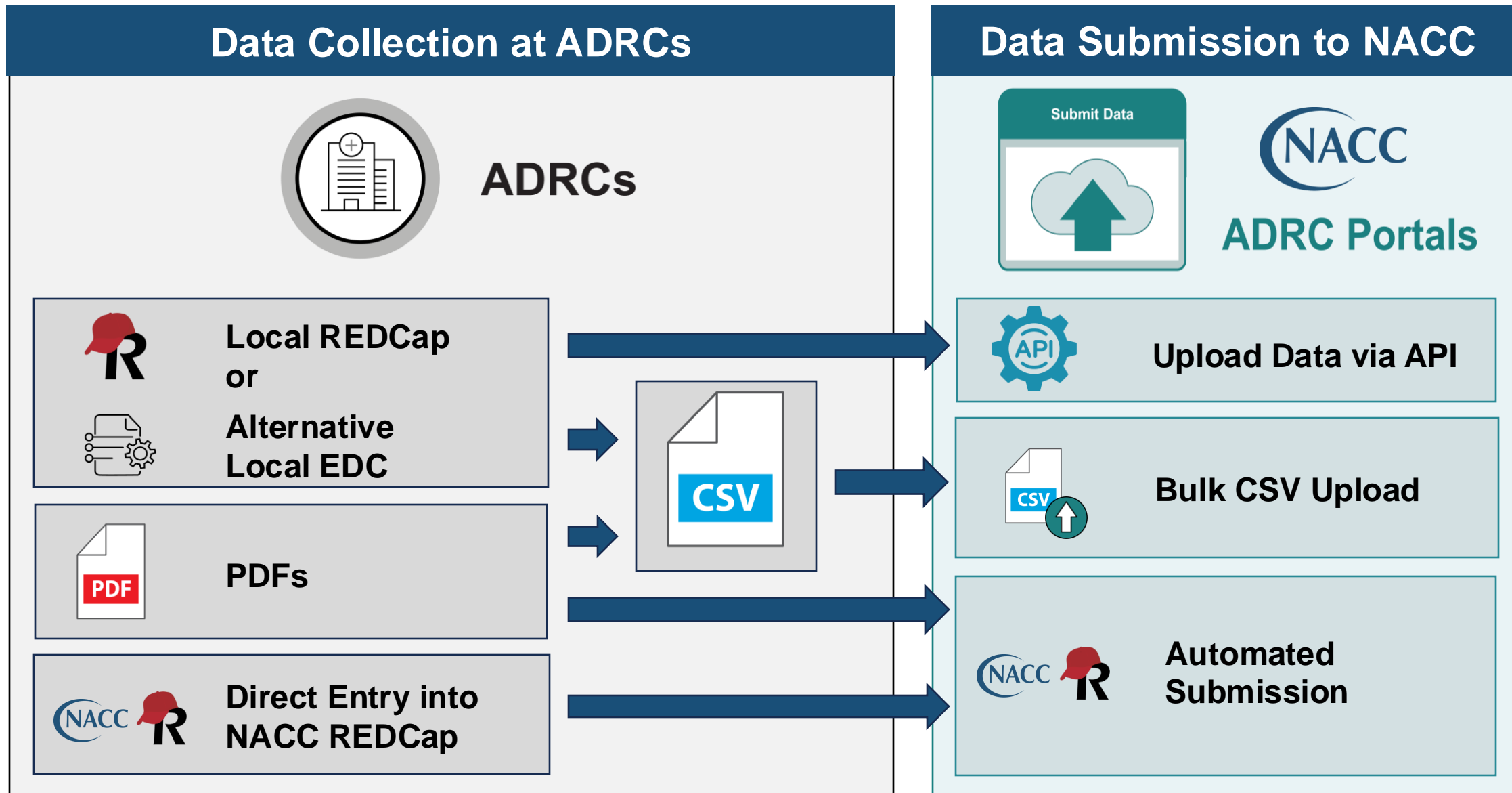
ADRCs

**Electronic Data
Collection and Submission**



NACC Data Platform

Modern Electronic Data Collection and Submission System



General



Onboarding Checklist



Community Forums



Office Hours



FAQs



UDSv4 Website

Clinical



Forms & Coding Guidebooks



Training Webinars and Videos

Technical



REDCap Forms and Resources



dVoice Forms and Guidelines



UDSv4 GitHub Library



Data Collection Options



UDSv3 to UDSv4 Crosswalk



Data Submission Options



NACC Data Platform Sandbox



Training Webinars and Videos

RedCap Forms & Resources

- **GitHub Library:** Copies of REDCap forms, error checks, coding guidebooks
 - <https://github.com/naccddata/uniform-data-set>
- **Technical Documentation & REDCap SOPs**
 - Downloads of PDFs, JSON files, XML, and more
 - Data dictionaries
 - Data quality rules
 - Calculated fields, custom reporting, data access groups, customization of user roles
 - <https://docs.naccddata.org>



All UDSv4 Resources
Accessible on the NACC Website

bit.ly/UDSv4Updates

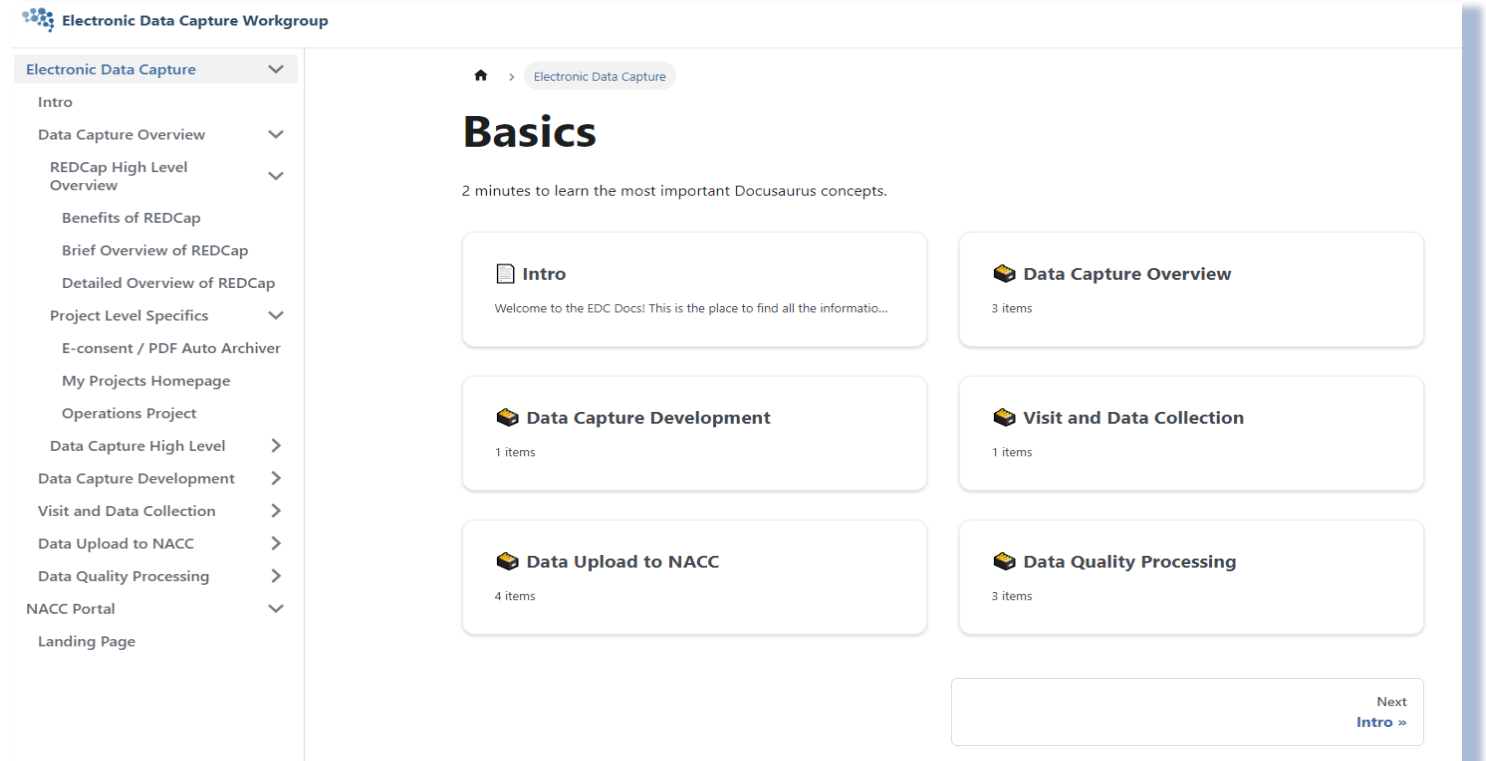


EDC Workgroup Website

Features

- Designed for intuitive navigation
- Guidance at every step of the data lifecycle

bit.ly/EDCDocs



The screenshot displays the 'Electronic Data Capture Workgroup' website. On the left is a navigation menu with the following items: 'Intro', 'Data Capture Overview' (with a sub-menu for 'REDCap High Level Overview' containing 'Benefits of REDCap', 'Brief Overview of REDCap', and 'Detailed Overview of REDCap'), 'Project Level Specifics' (with sub-items 'E-consent / PDF Auto Archiver', 'My Projects Homepage', and 'Operations Project'), 'Data Capture High Level', 'Data Capture Development', 'Visit and Data Collection', 'Data Upload to NACC', 'Data Quality Processing', 'NACC Portal', and 'Landing Page'. The main content area is titled 'Basics' and includes the text '2 minutes to learn the most important Docusaurus concepts.' Below this are six document tiles: 'Intro' (3 items), 'Data Capture Overview' (3 items), 'Data Capture Development' (1 item), 'Visit and Data Collection' (1 item), 'Data Upload to NACC' (4 items), and 'Data Quality Processing' (3 items). A 'Next Intro »' button is located at the bottom right of the main content area.

REDCap Files

EDC Workgroups UDSv4 REDCap Project and forms

- **XML File**
 - Creates entire project
 - Data export reports
- **REDCap Data Dictionary**
 - Implements form level infrastructure (branching logic, variables)
- **Zip Files**
 - Individual form level files
 - Update existing projects

Electronic Data Capture Workgroup

File Downloads NACC

File Downloads

Downloads of UDSv4 assets are available here. The following files are available for download:

- The REDCap XML
- REDCap Data Dictionary
- Data Element Dictionaries

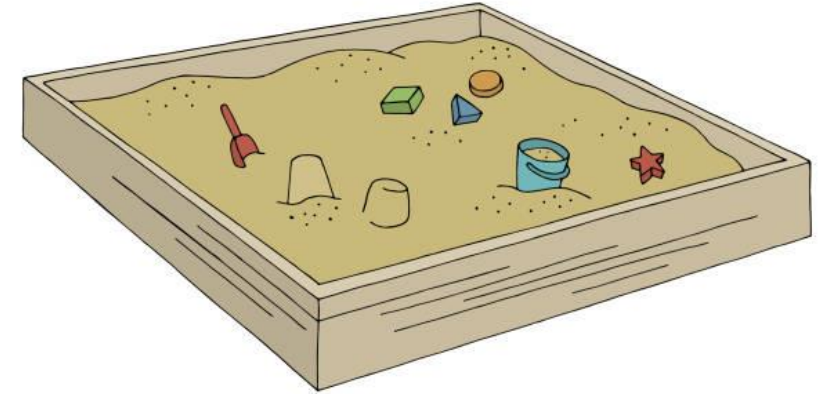
Name	PDF	REDCap Instrument	Crosswalk	JSON
Custom Instrument	PDF	REDCap Instrument	Crosswalk	JSON
A1 Participant Demographics	PDF	REDCap Instrument	Crosswalk	JSON
A1a Sdoh Optional Form	PDF	REDCap Instrument	Crosswalk	JSON
A2 Coparticipant Demographics	PDF	REDCap Instrument	Crosswalk	JSON
A3: Participant Family History	PDF	REDCap Instrument	Crosswalk	JSON

bit.ly/EDCDownloads
github.com/nacccdata

NACC Data Platform Sandbox

- **UDSv4 Pilot**

- 23 ADRCs participated in the UDSv4 Pilot (16 ADRCs administered to clinical core participants)



- **NACC Data Platform Sandbox**

- Coming soon!
- Practice environment for ADRCs to test out REDCap, CSV, and API data submissions

All UDSv4 Resources
Accessible on the NACC Website

bit.ly/UDSv4Updates



Responding to your Pilot Feedback

A collaboration between NACC, CTF, and the EDC Workgroup

- **General**

- Website with centralized resources
- Additional implementation time

- **Clinical**

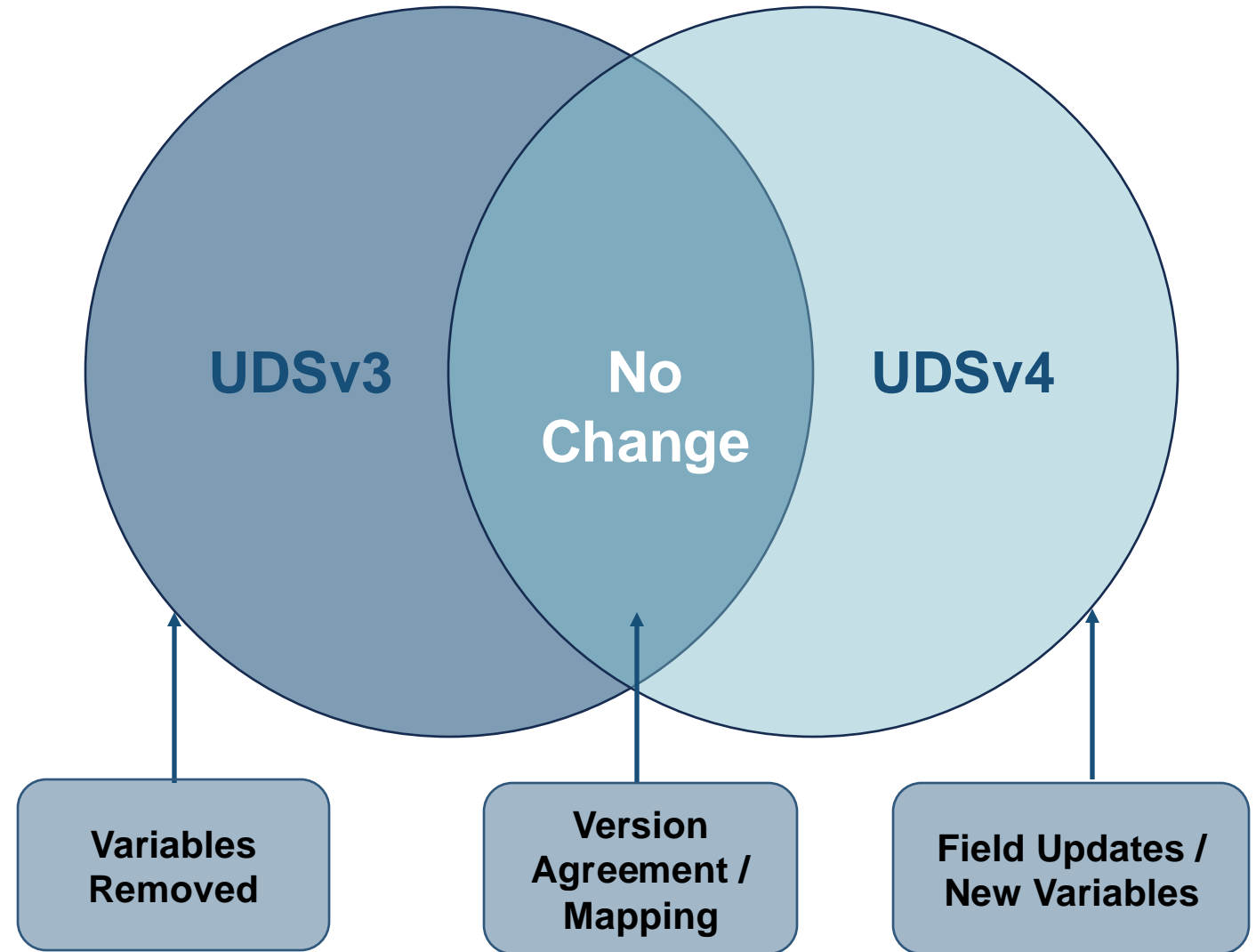
- Updating some forms and clinical guidance documentation
- Additional clinical trainings and webinars
- Boiler plate language for IRBs
- Clinical support via the ADRC Community Forum
- Recommend forms that can be sent to participants in advance

- **Technical**

- Changes to REDCap form logic and rules
- More accessible API documentation
- Hosting a sandbox environment where ADRC can practice data submission

Multiple Functions

- 1) Novel resource new to UDS 4 transition
- 2) Maps out all changes between UDSv3->UDSv4
- 3) Tool for harmonizing downstream efforts across UDS 4 and previous UDS data set



UDSv4 Training Videos



Streamlining Data Collection with Skip Logic

Branching logic, or skip logic, streamlines the data entry process by only displaying questions that are relevant. This improves data quality.



Submit UDSv4 Data via the ADRC Portal

Demonstration video of the ADRC Portal data submission interface.



Data Submission Training

Webinar that highlights some of the key features in the modernized UDSv4 data submission system.

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bit.ly/UDSv4Updates



Q & A



Connect with me

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