UDSv4: Technical Resources

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Thursday, October 17, 2024

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

Go to naccdata.org/edc to learn more!

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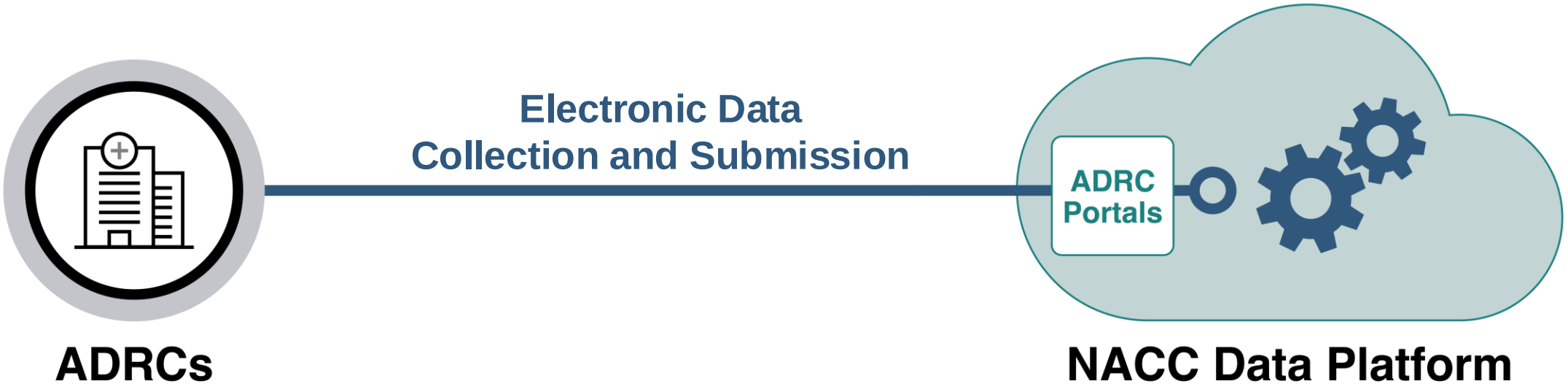
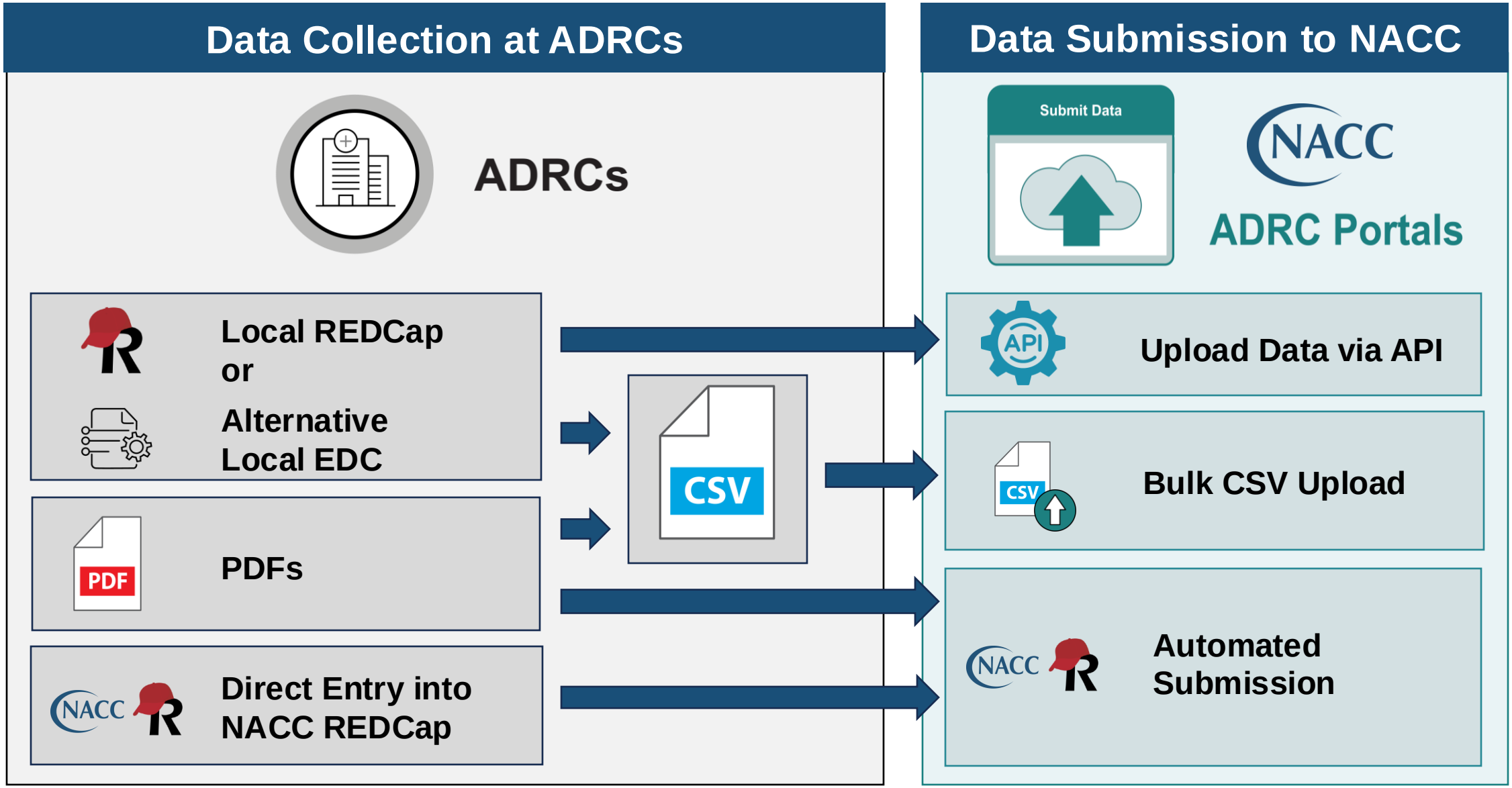
Built a Modern Electronic Data Capture & Submission (EDCS) System

Saves time, enhances sharing, and improves data quality



Modern Electronic Data Collection and Submission System



UDSv4 Support and Resources

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/naccdata/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.naccdata.org**

All UDSv4 Resources Accessible on the NACC Website

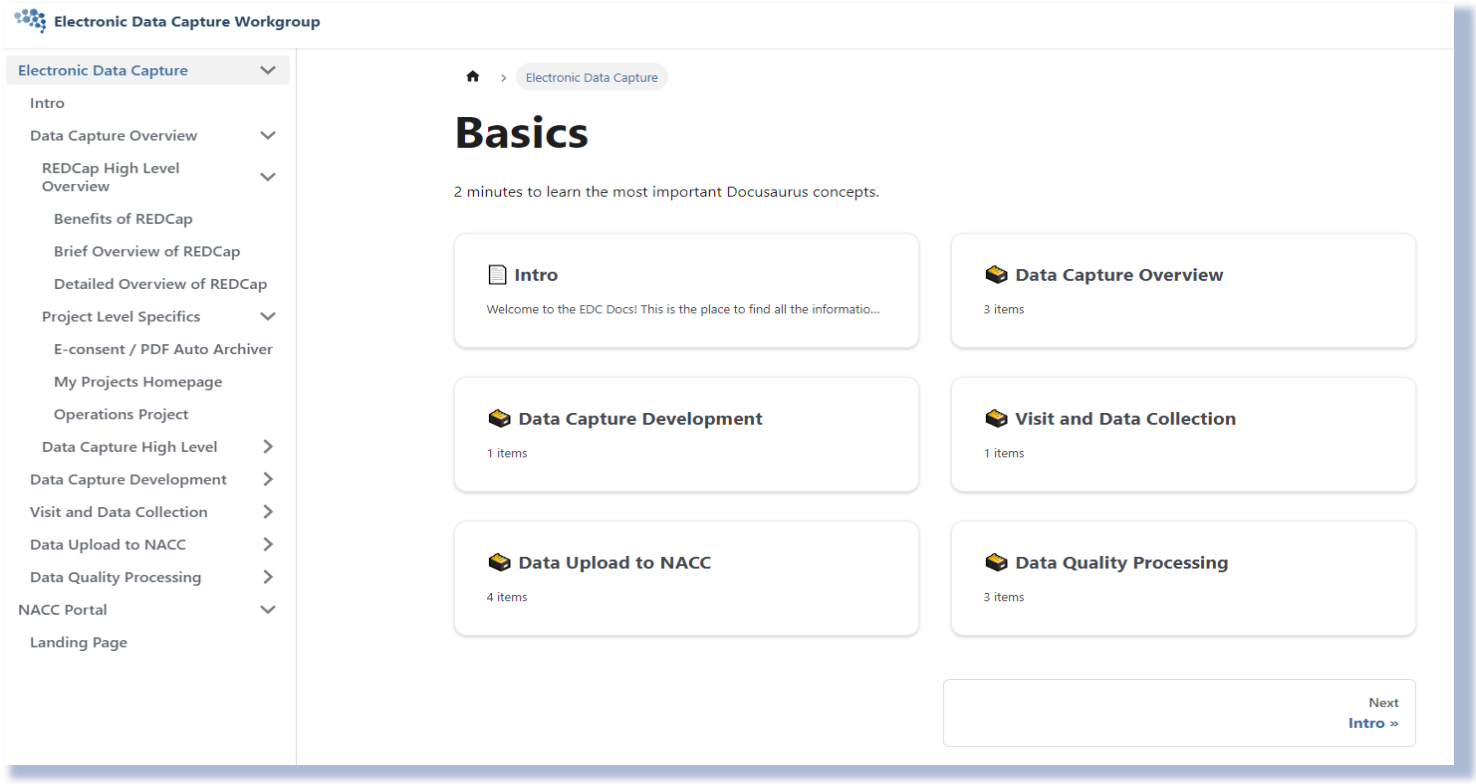
bit.ly/UDSv4Updates

EDC Workgroup Website

Features

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

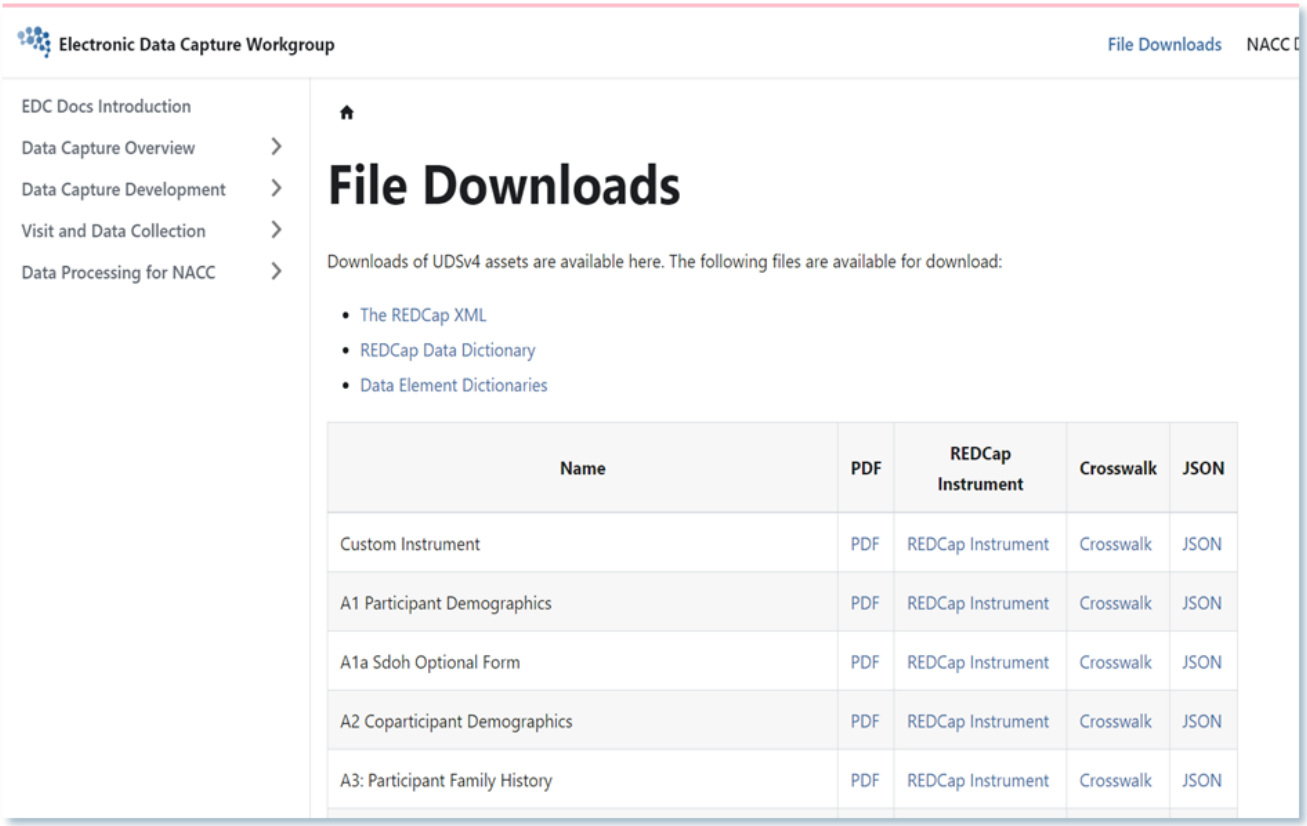
bit.ly/EDCDocs



REDCap Files

EDC Workgroups UDSv4 REDCap Project and forms

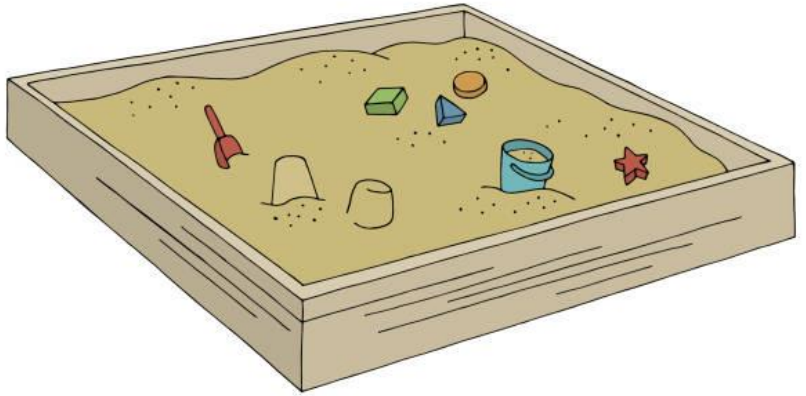
- **XML File**
  - Creates entire project
  - Data export reports
- **REDCap Data Dictionary**
  - Implements form level infrastructure (branching logic, variables)
- **Zip Files**
  - Individual form level files
  - Update existing projects



bit.ly/EDCDownloads
github.com/naccdata

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

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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

Data Element Crosswalks

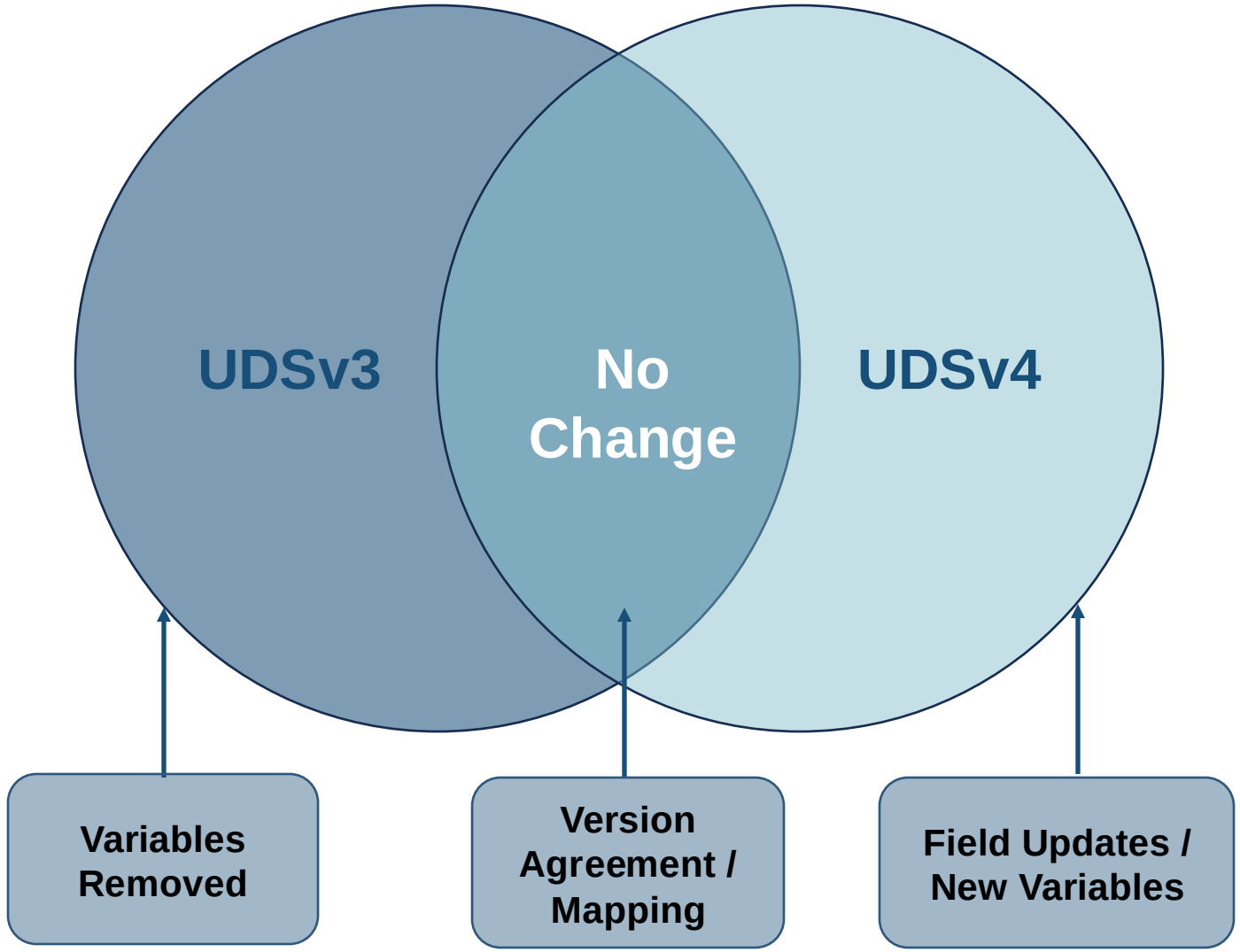
Chad Murchison, PhD &
Sarah Gothard, BS

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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