

# Civil Rights Data Collection Using Ed-Fi



# Presenters

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# Agenda

- What is the CRDC
- How can Ed-Fi Help
- Steps and Timeline
- Questions

# CIVIL RIGHTS Data Collection



Wide-ranging education access and equity data  
collected from our nation's public schools.

U.S. Department of Education  
Office of Civil Rights

Public Districts and Schools

**2013-2014**

98,271 Schools

18,194 LEAs

50 Million Students

100s of individual  
data elements

Key Education Characteristics

Demographics

Discipline

Early Childhood

College & Career Readiness

Chronic Absenteeism

and more....

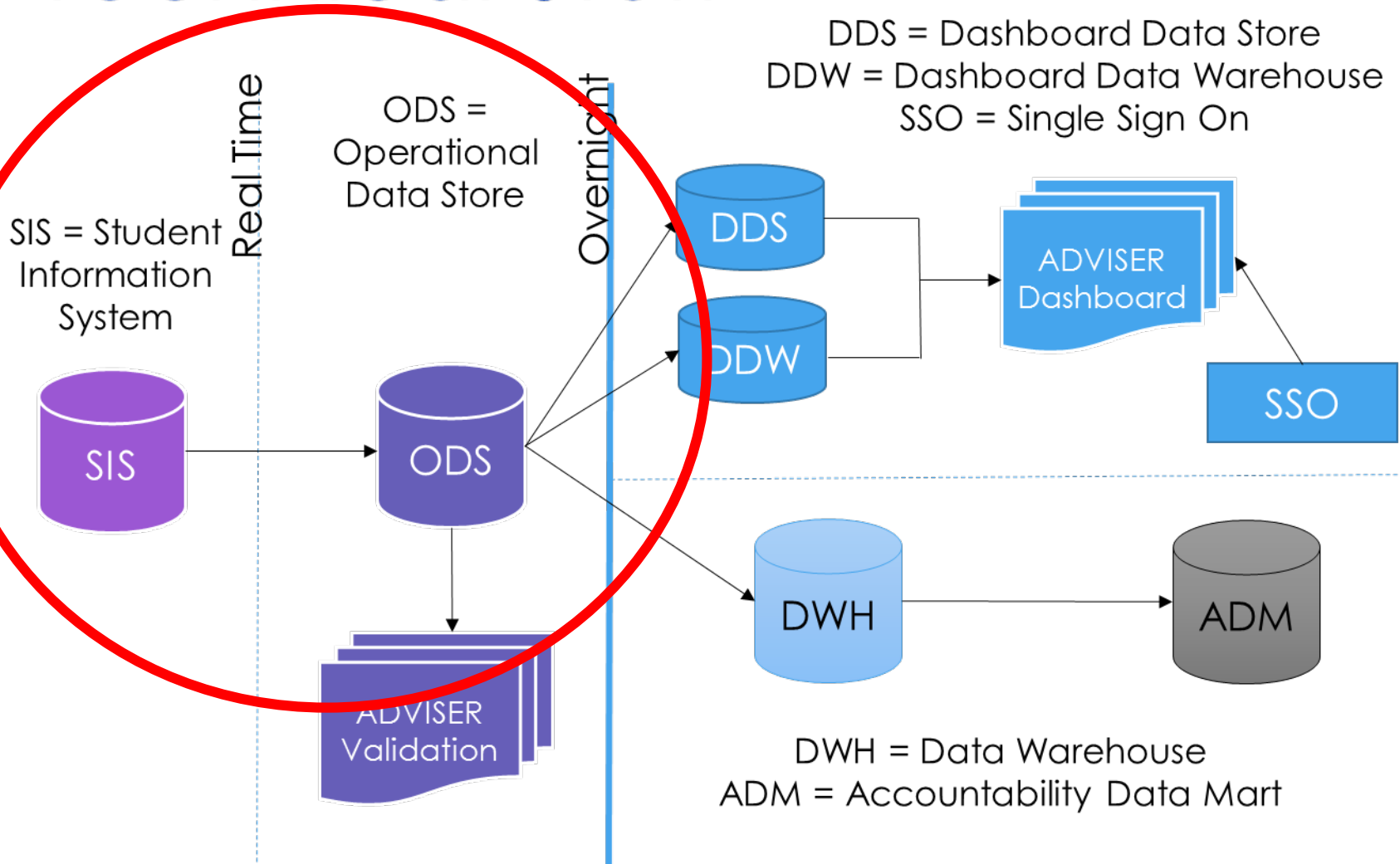
Every Other School Year

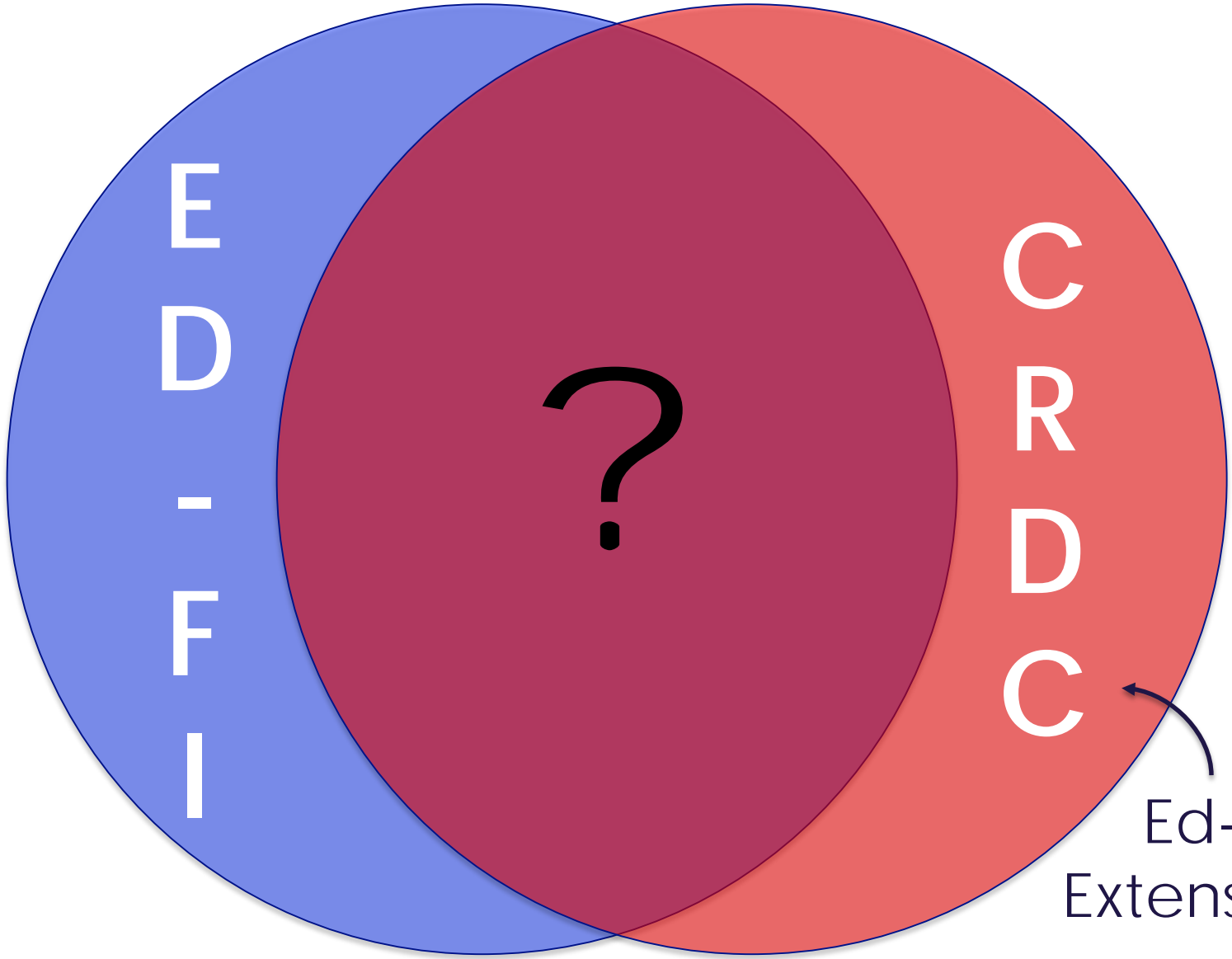
2015-2016

2017-2018

2019-2020

# Technical Stuff





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?

Ed-Fi  
Extensions



*Michael & Susan Dell*  
FOUNDATION

## Proposal

- Evaluate CRDC Collection
- Determine which elements exist in the standard
- Determine which elements would need to be added
- Create extracts for submission to OCR and pre-population of CRDC

# CRDC ED-FI PROJECT PHASES & TIMELINE

Development

Pilot

Production

Fall  
2016

Mapping  
CRDC to  
Ed-Fi  
Standard

Identify  
and Model  
Extensions

Spring  
2017

Nebraska  
Implement  
Extensions

Vendors  
Develop  
SIS  
integration

Fall  
2017

ODS  
Ready for  
Pilot Data

2017-2018  
School  
Year

Fall  
2018

2017-2018  
State  
Submission  
to OCR

District  
submission  
continues  
into 2019

Fall  
2019

ODS  
Ready for  
Production  
Data

2019-2020  
School  
Year

Fall  
2020

2019-2020  
State  
Submission  
To OCR

District  
submission  
continues  
into 2021



# Requirements

- Data extracted in format dictated by OCR
- Not all data elements need be present for a district
  - This can vary by district
- Districts have option of opting out of SEA upload of data
- Districts will then go into CRDC, add missing data, edit incorrect data, and do final data submission.

# Mapping CRDC to Ed-Fi 2.0 Data Standard



- Mapping CRDC to Ed-Fi Data Standard v 2.0
- Reviewing 2015-2016 LEA and School forms for required data (roughly 1800 elements/questions)
- MSDF and Ed-Fi Alliance involved in review and approval
- Using newly developed MappingEdu application

# Mapping CRDC to Ed-Fi 2.0 Data Standard

- MappingEDU

The screenshot displays the MappingEDU web application interface. At the top, there is a navigation bar with the 'ed-fi' logo, 'MappingEDU' title, and menu items for 'Home', 'Mapping Projects', and 'Data Standards'. The user 'Steve Therault' is logged in. Below the navigation bar, the 'MAPPING PROJECT QUEUE' section shows the current project: 'CRDC v2015-2016 To EdFi v2.0'. The project status is 'Active' and access is 'Admin'. A search bar is present on the right. The main content area shows a list of mapping entries. The first entry is for 'CRDC (Civil Rights Data Collection) 2015-2016 Element', specifically the 'Distance Education Enrollment Indicator'. The description is 'Does the LEA have any students enrolled in any distance educational courses?' and the status is 'Not available'. The 'Ed-Fi 2.0 Mapping' field contains a complex XQuery expression. The second entry is for 'Number of American Indian/Alaska Native Female Students', also with a 'Not available' status. The interface includes various filters and controls for the mapping entries.

MappingEDU Home Mapping Projects Data Standards Steve Therault

MAPPING PROJECT QUEUE

CRDC v2015-2016 To EdFi v2.0 [Edit Project](#)

★ Mapping: CRDC (Civil Rights Data Collection) 2015-2016 Ed-Fi 2.0 Project Status: Active Access: Admin

Show 100 entries Search:

Element Groups Item Types Mapping Types Status

CRDC (Civil Rights Data Collection) 2015-2016 Element	Item Type	Ed-Fi 2.0 Mapping	Status	Edit
<a href="#">LEA Form</a> > <a href="#">Distance Education</a> > <a href="#">Distance Education Enrollment Indicator</a> Does the LEA have any students enrolled in any distance educational courses? Not available.	Element	CONTEXT: For students enrolled in a section identified by <code>Core.StudentSectionAssociation.StudentReference</code> -> <code>Core.Student.StudentUniqueId</code> AND <code>Core.StudentSectionAssociation.SectionReference</code> -> <code>Core.Section.UniqueSectionCode</code> where the section is offered by a school identified by <code>Core.Section.CourseOfferingReference</code> -> <code>Core.CourseOffering.SchoolReference</code> -> <code>Core.School.StateOrganizationId</code> where the students are enrolled in a school identified by <code>Core.StudentSchoolAssociation.SchoolReference</code> -> <code>Core.School.StateOrganizationId</code> AND <code>Core.StudentSchoolAssociation.StudentReference</code> -> <code>Core.Student.StudentUniqueId</code> where the school is within an LEA identified by <code>Core.School.LocalEducationAgencyReference</code> -> <code>Core.LocalEducationAgency.StateOrganizationId</code> Value: Yes Condition: COUNT( <code>Core.StudentSectionAssociation.StudentReference</code> ) >= 1 AND <code>Core.StudentSectionAssociation.BeginDate</code> <= \$(Snapshot As of Date) AND <code>Core.StudentSectionAssociation.EndDate</code> >= \$(Snapshot As of Date) AND <code>Core.Section.MediumOfInstruction</code> IN ("Distance Learning (other than online)","Telepresence/video conference","Televised","Videotaped/prerecorded video","Virtual/On-line Distance learning") AND ( <code>Core.Section.AvailableCredits.Credits</code> > 0.00) AND <code>Core.StudentSchoolAssociation.EntryGradeLevel.CodeValue</code> -> <code>Core.GradeLevelDescriptor</code> -> <code>Core.GradeLevelDescriptor.GradeLevelMap</code> IN ("Kindergarten","First grade","Second grade","Third grade","Fourth grade","Fifth grade","Sixth grade","Seventh grade","Eighth grade","Ninth grade","Tenth Grade","Eleventh grade","Twelfth grade","Ungraded")	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<a href="#">LEA Form</a> > <a href="#">Distance Education</a> > <a href="#">Distance Education Enrollment</a> Number of American Indian/Alaska Native Female Students Not available.	Element	CONTEXT: For students enrolled in a section identified by <code>Core.StudentSectionAssociation.StudentReference</code> -> <code>Core.Student.StudentUniqueId</code> AND <code>Core.StudentSectionAssociation.SectionReference</code> ->	<input checked="" type="checkbox"/>	<input type="checkbox"/>

# XSD and ODS Extensions

- Once review of the CRDC surveys has been completed, XSD and ODS extensions will be developed for missing elements.
- Extensions will be made available through Ed-Fi Exchange for other licensees to leverage

# Pilot

- August 2017 – Districts start submitting 2017-2018 data.
  - 2.0 Data Standard
  - 2.1.1 API/ODS
  - CRDC Extensions
- Summer – Fall 2018 – Data extracted for upload to OCR
  - Date has not been set yet.

# Pilot (cont)

- Off-year piloting
- August 2017 – Districts start submitting 2017-2018 data.
  - 2.1 Data Standard
  - API/ODS that supports 2.1 data standard
  - CRDC Extensions (for 2017-2018)
- Summer – Fall 2018 – Test extracts

# Production

- August 2019 – Districts start submitting 2019-2020 data.
  - Data standard and API/ODS not determined yet
  - CRDC Extensions
- Summer – Fall 2020 – Data extracted for upload to OCR
  - Date has not been set yet.

# Takeaway

- CRDC is huge burden on all public districts
- Ed-Fi is a great tool to leverage in order to reduce this burden
- When ready, necessary extensions and extraction tool will be available on the Ed-Fi Exchange



# Down the Road

- Future Conversations between Ed-Fi Alliance and CRDC adopters to determine direction, including whether incorporation into the Ed-Fi Core would be appropriate.

# Questions

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Thank you!