NC Common Education Data Analysis and Reporting System (CEDARS)

NC’s PreK-13 (P-13) State Longitudinal Data System (SLDS)

Overview
May 17, 2010
Overview

CEDARS objectives

CEDARS components, plan

CEDARS communications

www.ncpublicschools.org/cedars
CEDARS Objectives

Provide infrastructure to enable State, local, and federal policy makers and service providers to make data-driven decisions based on analysis of trends and relationships…

- across different types of data
- over time
CEDARS Objectives

Increase the **quality** and **accessibility** of PreK- grade 13 (P-13) educational data:

- student & teacher demographic
- course, assessment
- program
- financial
CEDARS Components

State Longitudinal Data System (SLDS):

• A statewide unique ID (UID) system for students and staff that enables linking of different types of data across collections and over time

• A longitudinal data store (LDS), along with analytical tools and reports, that enables analysis of trends and relationships
CEDARS Components

State Longitudinal Data System (SLDS):

• A data governance mechanism that ensures enterprise-wide coordination (including master data management) of data collection, management, and use
CEDARS Components

**Unique ID System (UID)**
Ensures that relevant source systems have properly matched students and staff with unique IDs

**Source Systems**
- Financial systems
- Teacher licensure (LIC/SAL)
- Program information (CECAS, Title I, etc.)
- Student information (NCWISE)
- Testing Data (Assessment)

**Data Transfer**
- Matches based on UID
- Checks to ensure quality

**Data Repositories**
- Stores data over time
- Organized into domains based on type of data

**Data Access**
- Standard reports
- Query tools
- Federal submissions (e.g. EDEN)
- Other access, (e.g. online portal)
- Common location for data access (‘info library’)
- Different views based on type of user
- “Data Dictionary”
# CEDARS: 6 Key Technology Deliverables

<table>
<thead>
<tr>
<th>独特学生标识符</th>
<th>旨在确保学生记录在不同时间点和DPI应用间的可靠匹配</th>
</tr>
</thead>
<tbody>
<tr>
<td>独特员工标识符</td>
<td>旨在确保员工记录在不同时间点和DPI应用间的可靠匹配</td>
</tr>
<tr>
<td>纵向数据存储 (LDS)</td>
<td>提供稳健、安全的高质量P-13纵向数据仓库</td>
</tr>
<tr>
<td>分析与报告工具</td>
<td>提供用户友好的访问和工具，以支持纵向分析和报告</td>
</tr>
<tr>
<td>EDEN / EDFacts报告</td>
<td>自动化年度联邦报告要求</td>
</tr>
<tr>
<td>成绩单服务</td>
<td>简化和自动化成绩单在不同学校和高等教育机构间的交换</td>
</tr>
</tbody>
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## 如何解决

- **UID系统在全州范围内部署**:
  - 所有LEAs和Charters经过培训
  - 所有学生和员工被分配了UIDs

- **数据仓库和报告工具在开发中（目标完成日期为2010年10月）**

- **中间件（用于在数据源系统之间及仓库间传递数据）**已投入使用

- **正在考虑在2011年夏季升级现有系统**

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**公共北卡罗来纳州学校**
CEDARS: Project Structure

**STEERING COMMITTEE**
- Bill Harrison
- June Atkinson
- Rebecca Garland
- Adam Levinson
- Peter Asmar
- Angela Quick
- Philip Price

**PROJECT LEADERSHIP**
- Adam Levinson, Project Sponsor
- Mike Veckenstedt, IT Lead
- Ben Comer, Lead Project Mgr

**TECHNICAL TEAM**
- John Wetsch
- Gary Blumenthal
- Lillie Ebron
- George Phelps
- Robin Lucarelli
- Frank Vierlin
- Kathy Gaines
- Steve Bergene
- Jerry Bunn
- Betsy Baugess
- Angela Pope
- Surekpothiredetty
- Vicki Humphreys
- Doug McKinney

**PROGRAM OPERATIONS TEAM**
- Kayla Mathis
- Tom Field
- Karl Pond
- Traci Blount
- Kris Knoer
- Vicki Humphreys
- Gwen Tucker
- Denise Jackson
- Joe Dietzel
- Lauren Furer
- Daniel Boyette
- Patrick Dougherty

**DPI IT LEADERSHIP**
- Peter Asmar
- Mike Veckenstedt
- John Wetsch
- Annette Murphy
- Ken Thompson

**DPI DIRECTORS**
- Betsy Baugess
- KC Elander
- Ashley Herring
- Joanne Marino
- Alexis Schaus
- Rhonda Welfare
- Karl Pond
- Kayla Mathis
- Lillie Ebron
- Quentin Parker
- Traci Blount
- Kenneth Gattis
- Ken Little
- Susan Ruiz
- Loreto Tessini
- Gary Illiamson
- Tom Field
- Joe Dietzel
- Alicia McGee
- George Phelps

**LEA ADVISORY**
- Various LEA contacts
- Existing User Advisory Boards from NCWISE, other existing applications

**EXTERNAL ADVISORY**
- Higher education
- Researchers
- Representatives from other state agencies
- LEAs

**DATA MANAGEMENT GROUP**
- Kathleen Williamson
- Ken Little
- Susan Ruiz
- Loretto Tessini
- Gary Illiamson
- Tom Field
- Joe Dietzel
- Alicia McGee
- George Phelps
CEDARS: Data Governance

www.ncpublicschools.org/data/management
Questions about UID or CEDARS in general?

Please contact us at:

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