Joint Technology Committee
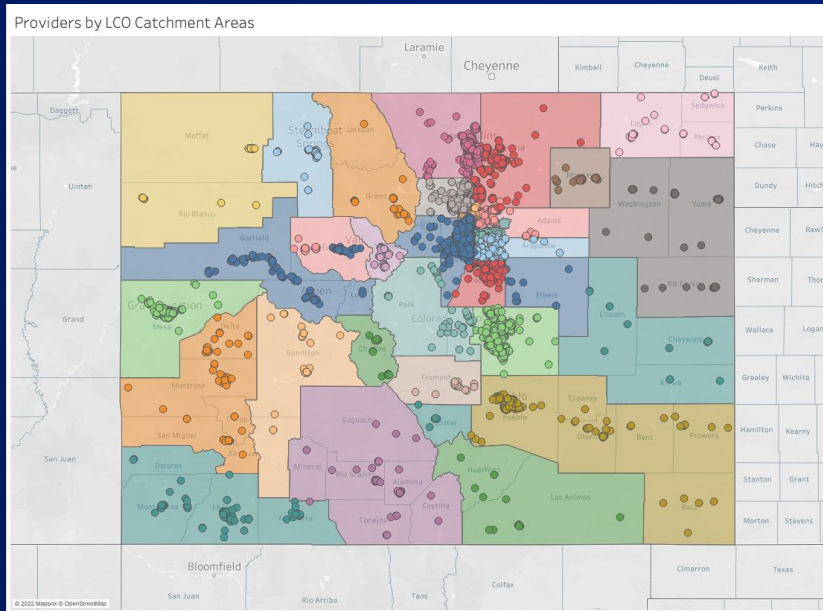## Colorado Department of Early Childhood

December 5, 2022

Things completed since we last met:

Providers by LCO Catchment Areas

- Uploaded providers into the UPK Colorado system
- Implemented Login.gov as our primary authentication method for LCOs and Providers
- Mapped LCOs to providers based on their catchment area
- **Completed the registration flow in the system; ready for providers to begin engaging with it**
- Trained LCOs on how to be administrators and support providers - this will be ongoing
- **Finalized family application and matching workflow - working on technical implementation now**
- Engaging with trainings with providers, starting with school districts and planning on expanding to all provider types
- **Collaborating with Colorado Evaluation and Action Lab and OIT to construct a longer-term data vision for UPK**

Overview of Universal Preschool Program Technology

Updates:

Provider Registration

- Finalized the registration workflow, exceptions, and matching strategy.

- Began training LCOs to support their communities with registration.

Reporting

- Creating processes to maintain data on managing providers in the system.

- Building out plans for a broader data ecosystem in a data warehouse for easier reporting.
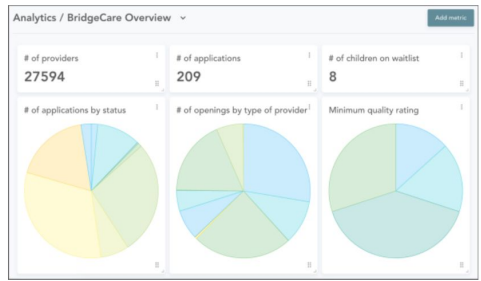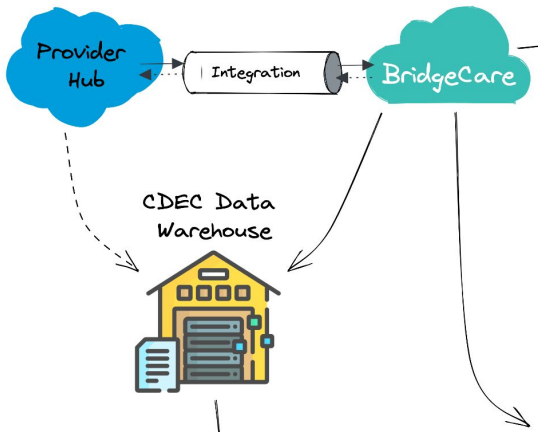
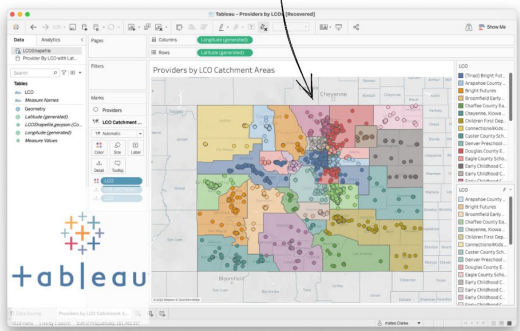**Today you will see us run through this scenario:**

I am a school district and I want to sign up my schools for the Universal Preschool Program.

Provider

Universal Preschool Program's Data Updates

Provider Hub → Integration → BridgeCare
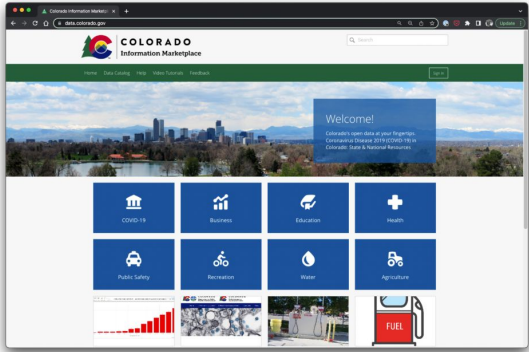
CDEC Data Warehouse

BridgeCare Dashboards

UPK Executive Dashboard

data.colorado.gov

We have partnered with the Colorado Evaluation and Action Lab, OIT, and CDEC data experts to determine the best path forward to support the both near-term and long-term data vision for UPK.

We will be begin implementation of reporting structures in December.

Semi-Automated Matching for UPK Colorado

The ways applicants will be matched to providers will be semi-automated. This means that the system will be running an algorithm to help manage applications once rounds close.

There will be opportunities for providers that meet certain exceptions to be able to suggest an applicant to be rematched.

Deferred Acceptance Algorithm

Commonly used by school choice programs, the deferred acceptance algorithm assigns children to schools taking into account family choices and school/system priorities and criteria.

Highly effective in placing students in their preferred schools, as many as possible in their first choice. In Denver, 81% of incoming Kinders were placed in first choice this past year.

Registration

As providers register they will be able to specify if they meet any exceptions that include:
- Faith-based
- Language-based
- Co-Op
- Employer-based
- IEP
- District boundary

Matching Applicants to Providers

Once a provider receives the anticipated matches, they will have an opportunity to request an exception.

These exceptions will be a finite list, mirrored from the options in the registration flow.

Reporting

LCOs will be able to see, confirm, and modify provider exceptions.

We will track the data on which providers register as having an exception and how often providers are using exceptions when they receive applicants.

Demos not memos: How will providers register for UPK Colorado?

I am a school district and I want to sign up my schools for the Universal Preschool Program.

Provider

LCO Login

LCO

An LCO and their team will login to their accounts. Within their account, they will be able to see and edit providers.

LCO ⟷ **Provider**

LCOs can reach out to providers in your community and encourage them to register and participate.

Provider Registration

Provider

A provider will be able to login and begin the registration process.

LCO

Their LCO will be notified once a provider is ready to be sent the provider agreement.

Provider

Providers can log in and sign the agreement.

Publishing Providers

LCO

Once provider agreements are signed, LCOs will be able to publish providers.

Provider

Participating providers will be visible to families.

Demos not memos: How will providers register for UPK Colorado?

Provider

I am a school district and I want to sign up my schools for the Universal Preschool Program.

Register to become a participating UPK Colorado provider

Begin setting up your profile by submitting the number of seats you anticipate offering as part of the Universal Preschool (UPK) Program. Once you submit this form, you will be sent a provider agreement to sign. Final allocation of seats through UPK will be determined by local coordinators.

☑ I understand the capacity I submit today may not be the final number distributed to me by my local coordinator in my region (LCO).

Back

Confirm your phone number

If this is correct, skip to the next page.

555-555-5555

Back

Confirm your email address

If this is correct, skip to the next page.

ploy.buraparate+test@state.co.us

Back   N

How many seats do you anticipate offering as UPK Colorado provider?

Please enter the total number of seats you anticipate offering through UPK. The final number of seats allocated will be determined by your local coordinator. If you are a school district, please list your total number for children aged 3 and 4.

30

Back   Next

What is your seat breakdown by program duration?

Full day is from 5-8 hours of service each day. Half day is 3-4 hours in either the morning or afternoon. Part-time is fewer than 3 hours. Extended day is anything more than 8 hours in a day.

Full day	Half day (AM)	Half day (PM)
15	5	5

Part-Time

5

Back

Do any of the following apply to you?

Providers will be able to request exceptions to matched applicants based on predefined criteria. Your local coordinator will be able to see your exceptions.

☐ I am a faith-based provider and may require families to be a part of my congregation.

☐ I am a co-op and will require family participation as part of my programming.

☐ I am an immersive or dual language provider and children may need to be screened to participate in my program.

☑ I am a school district provider and will require families to live in my school district or boundary AND/OR I support children with Individualized Education Plans (IEP).

☐ I am a Head Start grantee and families may need to meet additional factors to enroll with me.
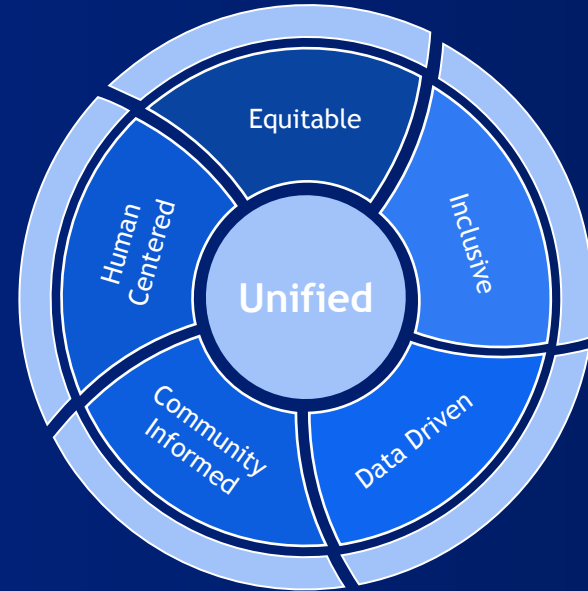
CDEC Technology Comprehensive Analysis

Goal:
Develop and execute on a technical architecture and roadmap that guides CDEC to a future data and technology state that promotes the Department's mission.

Deliverables:
- Identity Management for child, families, early childhood educators and child care providers
- Unified and human-centered CDEC technology ecosystem to serve families and providers
- Ability to connect services for children and families both within and outside of the CDEC
- Early Childhood Integrated Data System (ECIDS)

CDEC Technology Comprehensive Analysis - Deliverables Realized

Identity Management

- Engaged with the statewide **Identity Cross Reference (IDXR) Project**
- Participated in State Identification Module **(SIDMOD) Replacement Project**

Unified Technology Ecosystem

- Worked with a broad range of representative groups to guide the unified application experience
- Participated in Salesforce Spark Engagement to **identify potential toolsets**

Early Childhood Integrated Data System (ECIDS)

- Developed and worked to socialize **CDEC ECIDS white paper**
- Developed **Colorado ECIDS Action Plan** with support from national PDG B-5 Technical Assistance Center
- Developed **preliminary Colorado ECIDS plan**
- Developed **data inventories and data dictionaries** for CDEC Salesforce applications

Connected Services

- Participated in Salesforce Spark Engagement to establish vision for an **enterprise integration strategy**
- Participating in Governor's Data Advisory Board **(GDAB) to align data governance**
- Hired OIT **Data Architect**

CDEC Technology Comprehensive Analysis

Completed	In Progress	First Quarter 2023
• Salesforce Spark Engagement • OIT Demand Opened • OIT Data Architect, Project Manager, Solution Engineer, and Business Analysts engaged	• Establish Internal Workgroups • Statement of Work	• Publish Statement of Work • Vendor(s) selected

THANK YOU!
Questions?