



Universal Preschool Information Technology Systems

1. *Which elements of the project are currently underway? Which elements have been completed since the department last updated the JTC? Is the project on schedule with initial plans?*

Completed:

Provider portal - completed December 2022

Family Application - completed January 2023

Performance reporting Tableau integration and dashboard - completed January 2023

Family and Provider matching algorithm (DAA) - completed February 2023

MuleSoft integration with BridgeCare and Licensing Salesforce - completed May 2023

Currently Underway:

Provider payment/enrollment - on schedule to be completed July 2023

Agile system enhancements

2. *How much money has been obligated and spent at this point? Please break down amounts and spent separately.*

The Department has obligated \$3,453,646 and spent a total of \$2,346,481 from the UPK IT Capital budget.

3. *What is anticipated to be completed by the next quarterly update?*

Provider payment/enrollment - on schedule to be completed July 2023

Agile system enhancements

4. *When does the department/institution anticipate that the project will be complete?*

The Department anticipates the project to be completed by September 2023.

5. *Are there any important concerns or updates you wish to share with the committee?*

Sustainable funding moving forward is being planned for enhancements of the system.

6. *For multi-phase projects, has there been any insight gained through this phase of the project that will cause changes in the next requested phase of the project?*

Yes! The following phases are being considered:

- Adjustments for alternate kindergarten eligibility dates



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- Adjustments to ensure students with IEPs are enrolled at the location determined
- Geo mapping additions inclusive of LCO catchment area, school districts and census tracking opportunities aligned to the low income qualifying factor for additional hours



Early Childhood Information Technology Systems Comprehensive Analysis

1. *Which elements of the project are currently underway? Which elements have been completed since the department last updated the JTC? Is the project on schedule with initial plans?*

CDEC received the final deliverables for the 8 week engagement with a vendor to hone in on the departmental mission and vision, and scope of work for Comprehensive Analysis. This sets the department up to put out solicitations for the Comprehensive Analysis needed to determine the Oversight/Ownership Committee for an Early Childhood Data Trust (ECDT), how and what first to implement using feedback from that Committee, and to stand up the technology for outcomes based decision making around research, equity and accessibility. Additionally, the competitive solicitation(s) will include analysis of how the eligibility requirements compare and intermingle in order to build a front end application layer to all early childhood services. This will expose, with full consent sought from parents/providers, what opportunities for services exist for any given family or provider.

2. *How much money has been obligated and spent at this point? Please break down amounts and spent separately.*

CDEC has worked with the Office of Information Technology (OIT) to fully encumber the \$14.65 million in funds to complete the next phase of the solicitation process for the comprehensive analysis and ECDT project.

3. *What is anticipated to be completed by the next quarterly update?*

CDEC anticipates that vendor selection will be completed to drive the roadmap for the technology build outs, as well as work with OIT for architecture requirements and recommendations (ex. consolidated vs federated vs hybrid integration services, and data warehouse vs data lake for the ECDT) for both systems.

4. *When does the department/institution anticipate that the project will be complete?*

An Early Childhood Data Trust is most meaningful if it is used on an ongoing basis to determine how state services and money are best spent in providing positive outcomes. This would be an ongoing, living organism that will grow use case by use case where data is needed to make good decisions. What other states have found is that in order for an ECDT to be successful, it needs ongoing funding for both continued growth and maintenance and operations. For the Unified Application, it is unknown how long it will take to fully build out the front end application. The goal is to start with services native to CDEC and being conversations about potential future collaborations with other



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departments who provide services to our youngest and most vulnerable children (i.e. Medicaid, Housing, Foster Care, WIC, etc.) The time it will take to build this out fully will depend on many factors to include but not limited to availability and bandwidth for programs to join, potential eligibility changes in statute (state and/or federal), and funding for the build and operations and maintenance.

5. *Are there any important concerns or updates you wish to share with the committee?*

CDEC is passionate about doing this the right way. That means that we understand that if we want to go fast, we should do this alone, and if we want to go far, we need to include a host of stakeholders. The end goal of these systems is to ensure human centered design is a consideration throughout the efforts, requiring additional time to accomplish this goal. Additionally, form follows function. In this scenario, the technology is the form and the function are the needs of our state decision makers and the end users of our system.

6. *For multi-phase projects, has there been any insight gained through this phase of the project that will cause changes in the next requested phase of the project?*

The goal of Comprehensive Analysis is to have the findings of this coming phase drive the direction and outcomes of all efforts following.