Connecting Insights Across Silos: Initial Build of the Cradle-to-Career Data System

In 2024, C2C completed the initial data system build, ingesting and integrating 10+ years of historical records across 9 different state entities. These legacy data systems were not designed to connect with each other, making the linkage of the records a complex challenge. Using probabilistic matching, C2C was able to reconcile a wealth of useful information, creating a cohesive data system that provides the foundation for data-informed insights.

K-12
CDE · CTC

<u>Students:</u>
Enrollment
Attendance
Academic assessments
Course taking
Dual enrollment
Career and technical education
HS completion

<u>Teachers:</u>
Credential types & subject areas

HIGHER ED
CCC · CSU · UC · CSAC

<u>Students:</u>
Applications & Admissions
Enrollments (part-time/full-time)
Transfers
Retention & time to degree
Degree/Award completion
Degree type & discipline

<u>Financial aid:</u>
Applied & Received
Financial type & amount

EARNINGS DATA
EDD
Quarterly earnings
Industry of occupation

SOCIAL SERVICES
DSS · DHCS
CalFresh status
Medi-Cal status
CalWORKS status

C2C also integrated data that will enable disaggregation by geography and demographics:
- Geographic location (including location of school or college)
- Age, race/ethnicity, and gender
- Socioeconomic status
- Childhood English language learner
- If they receive disability services
- Homelessness status
- Foster youth status
- Military status

For the detailed list, including planned additional data, see:
<u>The Data Elements by Providers pdf</u>

The linked C2C data set now provides the foundation for drawing insights to inform decision making. C2C is first prioritizing data visualizations for the public on its website, and next creating the process for analysts and researchers to request data for studies.