



Cradle-to-Career Data and Tools Advisory Board Public Proposal Form

Instructions:

Per the [Governance Manual](#) proposal forms submitted will address significant gaps regarding whether the data system is providing access to actionable information. Please note there should only be one proposal per form.

Name:

Daveon Swan, EdD

Proposal Title: no more than 50 characters

CTE Pathway Outcomes Dashboard

- By checking this box, I understand that if a Data and Tools Advisory Board member sponsors my proposal, it will be considered as a submission from the Data and Tools Advisory Board member.

Type of Proposal¹:

- Changes to tools such as dashboards or practical tools (*Complete section one*)
- Adding data points not available through the P20W data set or adjusting (including the removal of) the existing P20W data points (*Complete section two*)
- Please note a proposal form(s) can recommend adding one data point or several clearly related data points to the data system.

¹ The C2C Governance Manual notes that DTAB members can also submit recommendations related to the data request process. As this is not yet live, it has been removed from the version of this form.

[Section One: Changes to Dashboards or Practical Tools](#)

1. What is the nature of the gap regarding access to actionable information?

Currently, there is no single dashboard that shows high school and dual enrollment CTE pathways for skilled trades, including certification and employment outcomes. Students, families, and educators cannot easily see which pathways lead to meaningful jobs and career advancement.

2. What type of tool should be developed?

A CTE Pathway Outcomes Dashboard that integrates K–12, dual enrollment, postsecondary, certification, and employment data into an interactive, easy-to-navigate tool.

3. How would a tool address the gap?

The dashboard would:

- Show students and families which CTE pathways are available in their region
- Display outcomes including certifications, apprenticeships, and employment data
- Allow filtering by student demographics, region, and program type to support equity-focused decision-making

4. Who would be the likely user(s) of the tool?

- High school students exploring career pathways
- Families
- School counselors and college advisors
- Educators and workforce development partners
- Policymakers

5. How does the tool relate to the [mission and vision](#) of C2C?

This dashboard supports C2C's mission by providing actionable information that helps students make informed educational and career choices. It

advances the vision of equitable access to workforce-aligned opportunities, particularly for students pursuing non-traditional, high-demand pathways like skilled trades.

[Section Two: Adding Data Points Not Available Through the P20W Data Set or Adjusting the Existing P20W Data Points](#)

1. Please state the research question of interest that cannot be fully addressed with the [existing data elements](#) in the P20W Data System.

To what extent do students in high school and dual enrollment CTE pathways—particularly skilled trades—progress to program completion, industry certification, apprenticeship participation, and employment, and how do outcomes vary by student group and region?

2. How does this research question relate to the [mission and vision](#) of C2C?

This question supports C2C's mission to provide actionable data linking education to workforce outcomes, and ensures visibility of non-academic, workforce-aligned pathways.

3. Please propose additional data element(s) needed in order to successfully address the research question of interest.

- Pathway Participation: CTE pathway identifier, dual enrollment participation, sequence completion indicator
- Credential Attainment: Industry-recognized certifications (type, date)
- Work-Based Learning: Apprenticeship and pre-apprenticeship participation
- Employment Outcomes: Employment status, industry, median earnings

4. Please verify that the proposed data element(s) do not already exist in the P20W Data System.

These pathway-specific and certification/apprenticeship elements are not currently available.

5. If the P20W Data System does not currently include the proposed data element(s), can the proposed data element(s) be derived from the existing data element(s) in the P20W Data System?

Some elements like employment may partially exist, but certifications, apprenticeship participation, and pathway identifiers cannot be reliably derived.

6. If the P20W Data System does not currently include the proposed data element(s), are there existing data element(s) closely related to the proposed data element(s)? If so, please list them and why they are not sufficient to answer the proposed research question.

- Enrollment
- Completion

Wage outcomes

These do not capture pathway-specific outcomes or non-degree credentials, so they are insufficient.

7. C2C keeps a [repository](#) of previous data elements that were either a) considered during the planning process or b) proposed through the mechanisms as outlined in the Governance Manual, but were ultimately not included in the P20W, along with related feasibility studies. Do any of the data element(s) being proposed overlap with the data elements in this repository? (New proposals can build on or duplicate prior proposals. It is helpful for proposers to share that context, including prior related feasibility studies.)

May overlap with workforce and credential proposals, but distinct in integrating a coherent, pathway-level framework for CTE and skilled trades

8. Are the proposed data element(s) already collected by a state-level entity? For data element(s) already collected, please answer question nine. For data element(s) not collected, please answer question ten.

Some elements are collected by state agencies, others require new or expanded collection.

9. [For proposed data element(s) already collected] To the extent possible, please share details pertaining to the proposed data element(s). Relevant details may include but are not limited to: a) corresponding entity that collects and houses the data element(s); b) specific variable name(s) used in the originating data system; and c) timeframe available.

- California Community Colleges Chancellor's Office: CTE participation and completion
- California Department of Education: K-12 CTE pathway data
- Division of Apprenticeship Standards: Apprenticeship participation
- EDD: Employment and wage data

10. [For proposed data element(s) not collected] Please propose institution(s) that would be most suited for the new data collection effort.

K-12 districts, community colleges, state workforce agencies, industry certification bodies

11. Please explain the desired level(s) of grain size for each data element proposed. (i.e., individual-level, institution-level, or other aggregated levels)? Multiple grain sizes may be requested for each proposed data element.

- Individual-level for longitudinal tracking
- Aggregated: school, district, postsecondary, regional, statewide
- Disaggregation: race/ethnicity, income, gender, geography

12. Please explain the intended use case(s) for the proposed data elements (i.e., dashboards, query builder, or the research request tool)? Multiple use cases may be requested for each proposed data element.

- Dashboards (including proposed CTE dashboard)
- Query builder tools
- Research requests to evaluate program effectiveness and equity