Cradle-to-Career Data Governing Board Staff Report

Date Report Issued: July 31, 2024

Date Report Modified: August 9, 2024

Attention: Members of Cradle-to-Career Data Governing Board

Subject: 12-Month Work Plan

Staff Contact: Mary Ann Bates, Executive Director

At this meeting, the Governing Board (Board) will have the opportunity to approve a new annual work plan, 12-month work plan, for the Office of Cradle-to-Career Data (Office).

Requested Action:

After review and consideration, Staff recommends that the Board approve the 2024-25 annual work plan.

♦ Move to approve the 2024-25 annual work plan as presented.

Background:

The Office has developed an annual work plan for Fiscal Year 2024-25 Attachment A, which details the specific activities the Office intends to complete each quarter. These activities have been tailored to address the problems and goals defined in the <u>Strategic Plan</u>, which the Board approved in August 2023. The Office has also updated the 5-year timeline, Attachment B, which the Board last reviewed a year ago at the August 2023 Governing Board. The 5-year timeline is an informational piece the Office has updated to align with the current work. The Office demonstrates via icons the work completed/ongoing, partially complete, and incomplete in last year's 5-year timeline and 12-month work plan (Fiscal Year 2023-24) in Attachment C for the Board's reference.

Similar to last year, the Office intends the timeline and annual work plan to

represent our best estimate of the work we need to accomplish this year to achieve the Office's aggressive timelines and ambitious scope. We have not added extra time buffers for unforeseen events, and the Office will adjust the work plan and timeline if needed. Our intent for these documents is to be as transparent as possible about the Office's plans and intended sequence of activities.



California Cradle-to-Career Data System 2024-25 Workplan

Office Operations FY 2024-25

Problem: Prior to C2C, there was no central, neutral state entity authorized and funded to bring together C2C-relevant data across different domains. No entity was empowered to facilitate this information integration across silos to provide insights, improve coordination, and remove barriers across large institutions.



Goal: Establish and operate a new state entity that uses secure, effective, and efficient processes and procedures to earn and keep the trust of data providers and the public.outcomes that will empower decision-makers to answer important questions.

	July-September	October-December	January-March	April-June	
Staffing & HR	Develop an Employee Engagement Action Plan based on survey results, with a focus on equity and shared values	Implement, monitor, and documen	Administer the annual employee engagement survey		
Leadership Development	Continue contracts for leadership development, team cohesion, and leadership coaching				
EEO & DEIA	Continue IAA for EEO position Ongoing staff training and professional development on diversity, equity, inclusion, and accessibility				
Procedures		Refine and establish necessary office	procedures, policies, and frameworks		
and policies	Draft a Continuity of Operations Plan in alignment with GovOps' Continuity 2.0 strategy Finalize a Continuity of				
Strategy	Annual work plan 👸				
Resources	Budget Change Concept 🧖	Define fiscal and human resources needed to achieve C2C's statutory charge Assess and execute on contract and procurement needs in preparation for year-end			

Analytical Data FY 2024-25



Problem: Data is siloed in different state-level entities, making it hard for decision-makers to answer important questions.

Goal: Build a linked analytical dataset that connects existing state-level data on education and job outcomes that will empower decision-makers to answer important questions.

	July-September	October-December	January-March	April-June	
Data System	» Data Mastering» Data Warehousing» Dashboard Development	» New Data Sources and Models» Dashboard Deployment» System Optimizations	» Query Builder Development » Secure Data Enclave Design	» Query Builder Testing and Documentation» Secure Data Enclave Development	
Security	Zero Trust Architecture Assessment and Implementation	Zero Trust Architecture Monitoring and Alerting	Annual Policy Review		
	Continuing Security Monitoring and Alerting Development	Conducting Tabletop Exercises			
	Continuing Security Policies Task Force Reports and Meeting		Security Assessments		
	Updating the System Security Plan		Celltree Exercises		
Data Provider Activities	Including New Data Domains (e.g., CDE and DDS)	Data providers submit reliable and timely data annually that C2C links and keeps secure	Annual Data Submission (March)		
	Run public planning process to expand system with workforce data				
Dataset Changes		Feasibility study work begins	 » Data and Tools Advisory Board Feasibility Studies » Community Engagement Feasibility Studies 	Governing Board reviews Feasibility Studies	
	AICC	CU to continue outreach for Independent	College participation in data system (ong	going)	

Analytical Data FY 2024-25



	July-September	October-December	January-March	April-June
Dashboards	Student Pathway Dashboard Finalize research questions, story framework and visual specifications via user-centered design process	Launch Student Pathway Dashboard	Iterations and changes for future releases of the Student Pathway Dashboard	
			Transfer Outcomes Dashboard Develop research questions, story framework and visual specifications via user-centered design process	
			Teacher Training and Retention Dashboard » March import: Teacher training data » Develop story framework and visual specifications via user-centered design process	
Query Builder	Research on privacy and security requirements	Identify use cases, research topics and related data		Proof of concept
Research Data Request Tool	» Process Development» Develop Privacy Disclosure Framework» Develop legal agreements for research	request process, in collaboration with dat	n collaboration with data providers	
Additional Work Streams			Possible work on Master Plan for Career Education	

Practical Tools* FY 2024-25

Problem: Students face confusing barriers in applying for college and financial aid, needing to navigate multiple platforms to complete applications and share information from their transcripts. These barriers can exacerbate existing disparities.



Goal: Coordinate with partners to reduce barriers for applying to college and financial aid and expand the number of students who benefit from these tools by linking real-time information across institutions and communicating about these options to students.

	July-September	October-December	January-March	April-June		
Annual Student Experience Report**			» Presentation of results» Plan 2025 Student Experience Report			
C2C & Data Partners						
eTranscript California w	ork:					
C2C, CCC, CSU, UC, AICCU, CDE, CCGI, LWDA	Complete a roadmap for eTrans	nscript California implementation Possible work on Master Plan for Career Education				
ссс	Map technical requirements for eTranscript California	Run RFP Process				
C2C & Data Partners	C2C facilitates review & feedback of technical requirements by CSU, UC, AICCU	C2C facilitate	es ongoing feedback to ensure needs of all s	segments met		
CCGI's work with C2C E	Data Partners:					
CCGI & CDE	All systems in place for Fall 2024 launch of universal basic accounts	Work through CDE with SIS vendors on	adoption of the CA High School Transcript a	nd Student Record Portability Standard		
CCGI & CCC	Develop a	plan to include pre-population of applicat	ion elements in CCCApply and transcripts to	campuses		
CCGI & CSU	Message high school students about their progress towards admissions eligibility					
CCGI & UC	Enable students to import their courses and grades into the UC Application Prepare for provision of final transcripts to UC in summer 2025					
CCGI & CSAC	Share additional c		tor reports in support of expanding FAFSA/Caincluding scaling 11th grade lesson usage.	ADAA completion.		

^{*} Education Code Section 10861 defines these tools as "operational tools." The Office uses the term "practical tools" on its public-facing documents and website.

** Education Code Section 10867(b)(5)(A) requires the Office to conduct "an annual student experience audit related to navigating the transition from secondary education to higher education." The Office will use the term "Student Experience Report" on its public-facing documents and website.

Engagement FY 2024-25

Problem: Communities lack equitable access to usable information and data to address their priorities.



Goal: Different types of users will need different types of information when accessing the data system, and Cradle-to-Career will engage with communities to listen to and identify their information needs through our user-centered design work, community engagement activities, and trainings and outreach for the data system's practical tools, with a Governance structure that reflects and supports these priorities.

	July-September	October-December	January-March	April-June	
Outropole and	Identify key communities and contacts for outreach and input; establish outreach goal	Develop and implement trainings on Student Pathways data story through webinars and in-person community conversations		Establish baseline metrics for public-facing products for analytics	
Outreach and Engagement		e access to engagement activities by region	cations and processes (ongoing and with non and key communities and prioritize actional ble metrics by Summer 2026)	· · · · · · · · · · · · · · · · · · ·	
	Ongoing community of	conversations, events, and engagement a	ctivities (both in-person and online) to solic	it input and feedback.	
	Establish baseline metrics for public-facing products for analytics				
Communications	Develop communications strategy and campaign for data story release	Implement communications strategy for data story release	Develop communications campaign for Student Experience report*	Develop communications campaign for second data story release	
	Develop and implement external comm	nunications strategy through earned and a	acquired media in print, digital, broadcast,	and radio	
User-centered design	User acceptance testing - C2C data story	User acceptance testing - companion resources for data story	Iterate on data dashboard design based on input from the public	Develop strategy for user centered design for query builders	
Focus: CaliforniaColleges.edu			Develop communications centered on district partnerships with CCGI	Engage higher education segments to promote CaliforniaColleges.edu	
Focus: Career Education Master Plan	Develop and implement communications strategy focused on early milestones				
Focus: Resources for using C2C dashboards		bject matter experts to develop als for Student Pathways data story.	Engage interest holders and subject matter experts to develop compreher companion resources for C2C data story.		
Using C2C dusinboulds	Conduct interest holder meetings on user interface & outreach activities; develop and maintain partnerships for outreach				
Logislativo Affaire	Legislative Report 🥳	Engage with Governor's	s Office and the California Legislature on C	2C's Legislative priorities	
Legislative Affairs	Regular check-ins an	d updates: Legislative staff, Legislative And	alyst's Office, and key interest holders acros	ss C2C's policy areas.	
Equity	Develop and implement strategy for continued accessibility compliance, including websites and public-facing materials	Update C2C Equity Action Plan	Conduct annual Boards demographic survey		

Boards FY 2024-25

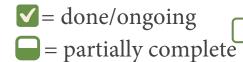


	July-September	October-December	January-March	April-June	
Board chair	Elect and onboard new Chair Elect				
Governance Manual Updates		Confirm committee composition and charter	Adopt updates 🥰		
Advisory Board Selection			Confirm committee composition and charter	Select candidates	
Executive Director Review	Confirm committee composition and charter	Committee convenes	Board review with ED 🥰		
Strategic planning	Annual review of strategic plans and workplans				
			Governing Board development session at Board meeting		
Governance Culture & Ambassadorship	Progress summaries discussed at Board meetings				
		Onboard newly appointed or re-appointed Governing Board members	Governing Board: Annual governance survey		
Advisory Boards	Appoint new members 🧐	Seat and onboard new members		Recruit and select new members	
	Seat and onboard new members				
Advisory Board Data Recommendation Process	Advisory Boards recommendations shortlisted	Office conducts feasibility studies with data partners	Feasibility studies reviewed by Advisory Boards	2024 Recommendations presented to Governing Board	
				2025 cycle begins for public to propose ideas to Advisory Boards	

California Cradle-to-Career Data System 2023-24 Workplan



		Į.	JPDATED 5-YEAR TIMELIN	E	
	Year 1: FY 2021-22	Year 2: FY 2022-23	Year 3: FY 2023-24	Year 4: FY 2024-25	Year 5: FY 2025-26
Operations	Defined leadership positions and initial staff recruitment	 ✓ Filled initially authorized positions (16) ✓ Received additional positions and funding effective with the 2023 State Budget ✓ Established office procedures within GovOps 	*Team size 26 with 4 vacancies*	 Continued refinement of regular training Review fiscal and human resources not charge Continued refinement of DEIA training annual employee engagement surve 	and supports, with feedback from
ytical Data	products Issued RFP for data warehouse Completed Stages 1 and 2 of CDT's Project Approval Lifecycle for IT projects Review of data element definitions identified during planning process	specifications for all initial data submissions by partners Completed Stages 3 and 4 of CDT's "Project Approval Lifecycle" for IT projects, including awarding vendor contracts Launched Security Policies Task Force with data privacy and security experts from data partners Executed contracts for the next phase System Integrator and 4 Strike	priority topic Expand teacher credentialing analytical data set Expand analytical data set to include independent colleges	 » Data providers submit reliable and timely data annually that C2C links and keeps secure » Develop a query builder that enables disaggregation » Develop the research data request process for the secure data enclave » Expand analytical data set to include private colleges » Expand analytical data set to include early learning and care information d federal requirements and assessments orce 	 » Data providers submit reliable and timely data annually that C2C links and keeps secure » Review technology infrastructure to ensure it continues to meet expectations » Expand analytical data set to include additional social services, health, and workforce information for data security and privacy, with



	UPDATED 5-YEAR TIMELINE, CONT.					
	Year 1: 2021-22	Year 2: FY 2022-23	Year 3: FY 2023-24	Year 4: FY 2024-25	Year 5: FY 2025-26	
Practical Tools	CaliforniaColleges.edu planning tools and high school electronic transcript infrastructure	CaliforniaColleges.edu tools and continued to build technical implementation improvements with partners. Launched annual Student Experience Audit Assessed possibilities for postsecondary electronic transcripts	 ✓ Promote CaliforniaColleges.edu as a one-stop shop for launching applications for college and financial aid ✓ Annual Student Experience Audit ✓ Create a roadmap for how eTranscript can become a seamless platform for transferring transcripts across post-secondary institutions ✓ Assess possibilities for integrating competency-based education and supporting skills-based hiring 	 » Launch universal basic accounts at California Colleges. edu for all public high school students » Annual Student Experience Audit » Assess possibilities for integrated social services applications 	» Champion the goal of reaching 95% of California's public high school students with CaliforniaColleges.edu accounts powered by real-time transcript data by Summer 2026 » Annual Student Experience Audit	
Engagement	✓ Launched "Community Conversations" ✓ Continued holding meetings open to public input	communications strategy Launched user-centered design work on data dashboards Continued community engagement and feedback Engage with Governor's Office and	Provide public trainings on using data tools Ensure information is trusted and useful by prioritizing transparency in communications and processes the California Legislature on C2C's Legislature of User-center query builder, and researcher data researcher data researcher.	red design for website, and all public-fac		
	Seated Governing Board Elected Board Chair and Chair Elect Developed Governance Manual to clarify processes for the Board	governance processes Selected and seated Community Engagement Advisory Board and Data and Tools Advisory Board Share progress summaries at every C	Launch annual governance survey for Governing Board members Soverning Board meeting Launch the annual recommendations and feasibility study process for Advisory Boards	 Refine onboarding, offboarding, and continuous strengthening of governance culture >> Continued appointments to Advisory Annual recommendations and feasib Boards 		

Office Operations FY 2023-24

Problem: Prior to C2C, there was no central, neutral state entity authorized and funded to bring together C2C-relevant data across different domains. No entity was empowered to facilitate this information integration across silos to provide insights, improve coordination, and remove barriers across large institutions.



Goal: Establish and operate a new state entity that uses secure, effective, and efficient processes and procedures to earn and keep the trust of data providers and the public.outcomes that will empower decision-makers to answer important questions.

	July-September	October-December	January-March	April-June		
Staffing & HR	Finalize job descriptions for 10 new positions	Continue refining onboarding processes	Fully staff the 26 approved positions *Team size is 26 with 4 vacancies*	Build C2C's organizational culture with a focus on equity and shared values, as measured in annual employee engagement survey		
Leadership Development	Continue contracts for leadership development, team cohesion, and leadership coaching					
EEO & DEIA	Ongoi	Continue IAA for EEO position Ongoing staff training and professional development on diversity, equity, inclusion, and accessibility				
Procedures and policies	Refine and establish necessary office	Refine and establish necessary office procedures, policies, and frameworks 🗹				
	Strategic plan update 👸 🗸					
Strategy	Annual work plan 👸 🗸					
				House the C2C office in an inclusive space designed to foster community engagement		
Resources	Budget Change Concept (3)	Define fiscal and human resources needed to achieve C2C's statutory charge				

Attachment C

Analytical Data FY 2023-24

👸 = Board Review

Problem: Data is siloed in different state-level entities, making it hard for decision-makers to answer important questions.

Goal: Build a linked analytical dataset that connects existing state-level data on education and job outcomes that will empower decision-makers to answer important questions.

	July-September	October-December	January-March	April-June
Data System	 » Onboard New Strike Teams and System Integrator » Release 1 (Data Ingestion) » Infrastructure Configuration » Testing 	» Master Data Management » Identity Resolution	Documentation and Training of Data System	Scope Research Data Request Process
Security	Security Policies Task Force's Review: » Risk Assessment: Encryption » Privacy Impact Assessment » Privacy Threshold Analysis » Acceptable Use Policy » System Security Plan			Assessment of Security and Privacy Controls
Data Provider		Data providers submit reliable and timely data annually that C2C links and keeps secure		
Activities	Finalize File Upload Specifications	First data submissions to C2C (Target: October)	Annual Data Submission Begins (March)	
Initial Dashboards: Teacher Training and Retention & Student Pathways	 » Continue User-Centered Design Process » Finalize research and design brief with contractor » Build data dictionaries 	» Data Analysis of Initial Submissions» Data Validation in Collaborationwith Data Providers	Iteration and Testing of Designs with Data Providers	» Alpha Launch (a) » Beta Launch » Release
Query Builder	» Continue User-Centered Design Process » Feedback from Advisory Board Members and Data Providers *The Office prioritized the dashboard build in FY 23-24*		Visual Design Specifications	» Interactive Prototypes » Collaborate with Data Providers for Data Validation

Practical Tools FY 2023-24

Problem: Students face confusing barriers in applying for college and financial aid, needing to navigate multiple platforms to complete applications and share information from their transcripts. These barriers can exacerbate existing disparities.



Goal: Coordinate with partners to reduce barriers for applying to college and financial aid and expand the number of students who benefit from these tools by linking real-time information across institutions and communicating about these options to students.

	July-September	October-December	January-March	April-June	
Annual Student Experience Audit	Conduct audit and prepare report	Governing board	Final report release	Continue survey collection and student interviews	
C2C & Data Partners	Promote CaliforniaColleges.edu as a one-stop shop for launching financial aid applications, applying to public colleges and universities, and accessing planning resources for public, independent, and private colleges and universities by Fall 2024				
C2C, CCC, CSU, UC, AICCU, CDE, CCGI	Convene task force to plan for making eTranscript CA a seamless platform for transferring transcripts across public and independent post-secondary institutions. Coordinate with CaliforniaColleges.edu's provision of high school transcripts, e.g. to reduce barriers for dual enrollment students. Complete a roadmap for eTranscript CA implementation				
CCGI's work with C2C	Data Partners:				
CCGI		Continued scaling to new hig	nh school and unified districts		
CCGI & CDE	Develop plan for scali accounts b	ng transcript-informed y June 2026		All systems in place for Fall 2024 launch of universal basic accounts	
CCGI & CCC		Explore opportunities for CCGI and CCC to	o reduce barriers for CCC-bound students		
CCGI & CSU		Continued roll out of final transcripts pro	vision to the CSU including automation		
		Finalize co	oursework integration into UC application in	Fall 2024	
CCGI & UCOP		Begin planning for final transcript provision to UC			
CCGI & CSAC		Enhance the nightly data exchange i	nclusive of additional data elements		

Engagement FY 2023-24

Problem: Communities lack equitable access to usable information and data to address their priorities.



Goal: Different types of users will need different types of information when accessing the data system, and Cradle-to-Career will engage with communities to listen to and identify their information needs through our user-centered design work, community engagement activities, and trainings and outreach for the data system's practical tools, with a Governance structure that reflects and supports these priorities.

	July-September	October-December	January-March	April-June
	Identify key communities and contacts for outreach and input: establish outreach goal			Establish baseline metrics for public-facing products for reporting
Outreach and Engagement		juitable access to engagement activities	ommunications and processes (ongoing and by region and key communities and prior able metrics by Summer 2026)	
	Ongoing community conversations, eve	nts, and engagement activities (both in-p	person and online) to solicit input and feed	dback.
Communications	Define C2C's brand identity o	and communications strategy 🗸	Website relaunch [Current launch date November 2023]	Develop communications campaign for data dashboard release; Develop communications campaign for Student Experience Audit
User-centered design		User acceptance testing - C2C website	User acceptance testing - companion resources for data dashboards	Develop strategy for user centered design for query builders
Focus: CaliforniaColleges.edu communications	Engage higher education segments campaign to promote	s in California in a joint informational CaliforniaColleges.edu.	Develop communications campaign in advance of universal basic accounts rollout in Fall 2024. *Strategic decision made to hold on this activity*	
Focus: Resources for using C2C dashboards	Identify interest holders to engage; develop preliminary list of outreach activities and materials	Conduct interest holder meetings on user interface & outreach activities; develop partnerships for outreach	Engage interest holders and subject matter experts to develop learning agendas for research questions, neutral guides by persona, curated summaries, and person-centered data analysis for when using the data.	Engage interest holders and subject matter experts to develop fact sheets/one-pagers on key data points paired with vignettes and stories. Develop tutorials and fact sheets for dashboard usage.
1	Legislative Report 🏽 🗸	Engage with Governor's	s Office and the California Legislature on C	C2C's Legislative priorities
Legislative Affairs	Regular check-ins and updates: Legislative staff, Legislative Analyst's Office, and key interest holders across C2C's policy areas.			



	July-September	October-December	January-March	April-June
Board chair	Elect and onboard new Chair Elect			
Governance Manual Updates		Confirm Ad Hoc committee composition and charter	Adopt updates 🧖 🗸	
Advisory Board Selection			Confirm Ad Hoc committee composition and charter	Select candidates 🗸
Executive Director Review	Confirm Ad Hoc committee composition and charter	Ad Hoc committee convenes	Board review with ED 🥰 🗸	
Strategic planning	Governing Board defines strategic plan with goals and objectives			
	Onboarding for new Board members	Board member refresher on Bagley-Keene, Political Reform Act, and Public Records Act	Board development session at Board meeting	
Governance Culture & Ambassadorship	Progress summaries discussed at Board meetings 🗸			
		Governing Board: annual governance survey		
Advisory Boards	Appoint new members 🧖 🗸	Seat and onboard new members 🗸		Recruit and select new members
Advisory Board Data Recommendation Process	Recommendations shortlisted	Office conducts feasibility studies with data partners	Feasibility studies reviewed by Advisory Boards	Recommendations presented to Governing Board