

Data Elements by Provider

The Office of Cradle-to-Career Data is building a statewide data system that will provide tools to help students reach their goals and deliver information on education and workforce outcomes.

The Cradle-to-Career System will connect individuals and organizations with trusted information and resources. It will provide insights into critical milestones in the pipeline from early care to K–12 to higher education, skills training, and employment. It will empower individuals to reach their full potential and foster evidence-based decision-making to help California build a more equitable future.

This document shows the list of “P20W” data points that are planned for the deidentified, linked C2C analytical dataset, which is the foundation for the C2C system’s data dashboards, query builder, and research request tool.

DATA ELEMENT	CDE (ELC)	CDE (K12)	CCC	CSU	UC	BPPE ¹	IND ²	CSAC	EDD ³	DDS	DSS	DHCS	DIR	CTC	SIB	CWDB	ETP
Early Education Experiences																	
Early learning and care entry age	P																
Early learning and care duration of enrollment	P																
Early learning and care half day status	P																
Early Learning and Care Desired Results Developmental Profile Scores (Kindergarten readiness) ⁴	P																
K-12 Experiences																	
Institution attended		R															
Participated in a transitional kindergarten program		R															
K-12 grade level		R															
K-12 chronically absent		R															
K-12 expected days of attendance ⁴		R															
K-12 actual days of attendance ⁴		R															
Third grade assessment level - ELA		R															
Third grade assessment level - math		R															
Fifth grade assessment level - ELA		R															
Fifth grade assessment level - math		R															
Eighth grade assessment level - ELA		R															
Eighth grade assessment level - math		R															
Eleventh grade assessment level - ELA		R															
Eleventh grade assessment level - math		R															
Elementary science assessment score		R															
Middle school science assessment score		R															
High school science assessment score		R															
English Language Proficiency Assessments for California		R															
Sixth grade math course ⁴		R															
Eighth grade math course ⁴		R															
Ninth grade math course		R															
Number of math courses completed in high school		R															
Highest K-12 math course completed		R															
Completed a K-12 Advancement Via Individual Determination course		R															
Completed a K-12 Advanced Placement course		R															
Completed a K-12 International Baccalaureate course		R															
Completed a K-12 career and technical education course		R															
Completed a K-12 career and technical education pathway		R															
K-12 career and technical education concentrator ⁴		R															
K-12 career and technical education pathway		R															
Completed a K-12 work-based learning program		R															
Completed a K-12 distance learning course		R															
Met a-g course eligibility requirements		R															
Completed a college course while in high school		R															
Completed a leadership/military science course		R															
Earned the State Seal of Biliteracy		R															
ACT English score		x															

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ACT math score		x															
ACT reading score		x															
ACT science score		x															
SAT reading and writing score		x															
SAT math score		x															
Advanced Placement score		x															
International Baccalaureate score		x															
K-12 individual College and Career Indicator level		R															
Completed high school		R															
Postsecondary Experiences																	
Applied to college			R	R	R		P										
Application term			R	R	R		P										
Admitted to college				R	R		P										
Enrolled in college			R	R	R	P	P										
Enrolled in college from out-of-state			R	R	R		P										
Term of enrollment			R	R	R		P										
Institution attended			R	R	R	P	P										
Type of first time enrollment			R	P	P		P										
Community college educational goal			R														
Retained from fall to spring in postsecondary			R	R	R		P										
Number of units completed per year in postsecondary			R	R	R		P										
Number of transferrable units completed per year at community college			R														
Enrolled in a community college basic skills English course			R														
Enrolled in a community college basic skills math course			R														
Completed transfer-level English in first year of community college			R														
Completed transfer-level math in first year of community college			R														
Enrolled in a community college ESL course			R														
Subject matter of ESL course in community college			R														
Postsecondary part-time enrollment status			R	R	R		P										
Completed a postsecondary distance education course			R	R	R		P										
Returned for second year in postsecondary			R	R	R		P										
Declared two-year major			R														
Declared four-year major				R	R	P	P										
Transfer preparation level (community colleges only)			R														
Applied to transfer to a four-year institution (community college students only)				R	R		P										
Accepted for transfer to a four-year institution (community college students only)				R	R		P										
Earned a postsecondary award			R	R	R	P	P										
Type of community college award			R														
Type of private college award						P											
Type of four-year award				R	R	P	P										
Postsecondary award discipline			R	R	R	P	P										
Postsecondary graduate student status				R	R		P										

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Workforce Participant Characteristics																	
Age group									P				P			P	P
Race									P				P			P	P
Ethnicity									P				P			P	P
Gender/sex									P				P			P	P
Disability									P				P			P	P
Veteran status									P				P			P	P
Sexual orientation									P				P			P	P
Participant zip code									P				P			P	
Employer zip code													P				P
Education level at point of enrollment									P				P			P	P
Household/ family size													P			P	
Single parent									P							P	P
Foster youth									P				P			P	
Homeless youth									P				P			P	
Justice involved									P							P	P
Low income									P							P	
Workforce Training Experiences																	
Participated in an apprenticeship program													P				
Retained in an apprenticeship program													P				
Earned apprenticeship journey status													P				
Service type									P				P			P	P
Training type									P				P			P	P
Supportive services type									P							P	
Mode of instruction													P				P
Training start date									P				P			P	P
Training end date									P				P			P	P
Training provider									P				P			P	P
Zip code for training provider									P				P				
Occupation for training									P				P			P	
Industry for training													P				P
Postsecondary Financial Aid Experiences																	
Eligible for state financial aid								R									
Applied for financial aid			R				P	P									
Approved for state financial aid			R				P	R									
Received financial aid			R				P	R									
Amount of financial aid			R	R	R		P	R									
Type of financial aid			R	R	R		P	R									
Financial aid dependency status								R									
Expected family contribution for all students who applied for aid								R									
Expected family contribution for financial aid recipients								R									
Income level								R									
Amount of debt			P			P	P										

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Claimed the CalKIDS account															P		
Date claiming the CalKIDS account															P		
Initial seed deposit in the CalKIDS account															P		
Disbursed funds from the CalKIDS account															P		
Amount disbursed from the CalKIDS account															P		
Date making the disbursement from the CalKIDS account															P		
Institution receiving the disbursement from the CalKIDS account															P		
Amount in the CalKIDS account															P		
Social Service Experiences																	
CalWORKs status											R						
CalFresh status											R						
Medi-Cal status												R					
Employment Variables																	
Wage record									R								
Industry of employment									R								
High demand entry-level occupations									P								
High demand middle skills occupations									P								
High demand highly skilled occupations									P								
Salaries for high demand entry-level occupations									P								
Salaries for high demand middle skills occupations									P								
Salaries for high demand highly skilled occupations									P								
Training completion									P				P			P	P
Measurable skill gain									P				P				P
Workforce credential attainment									P				P			P	
Employer													P				
2nd quarter occupation of employment													P				
4th quarter occupation of employment													P				
2nd quarter industry for employment									P				P				P
4th quarter industry for employment									P				P				P
2nd quarter quarterly earnings									P				P			P	
4th quarter quarterly earnings									P				P			P	
Student Characteristics																	
Race/ethnicity	P	R	R	R	R		P	x		P	R	R					
Sex/gender	P	R	R	R	R		P	R		P	R	R					
Lesbian, Gay, Bisexual, Transgender (LGBT) status			R				P	x				x					
Early learning and care family income level	P																
K-12 socioeconomically disadvantaged status		R															
Parental education level		x	R	R	R		P	R									
Homeless status	P	R	R				P	R				S					
Foster youth											R	x					
Child with a disability (includes IEP status)	P	R									R	R					
Postsecondary students receiving disability services			R				P					S					
Childhood migrant education program participant	P	R															
Military status			R	R	R		P	R									

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Early learning and care primary language	P										R	x					
Childhood English language learner	P	R															
Eligible for DDS service										P							
Enrollment status										P							
Received Early Start services										P							
Regional Center where services are received										P							
Types of diagnosed developmental disability										P							
Individuals with increased levels of support										P							
Age at entry into first DDS service										P							
Enrolled in DDS services at a later age										P							
Sex at birth										P							
Primary language spoken at home										P							
Teacher Variables																	
Enrolled in a teaching credential program				R													
Enrolled in an administrator or counselor credential program				R													
Credential content code				R													
Credential program type				R													
Title of credential (e.g., multiple subject teaching, education specialist)														R			
Type of credential (e.g., preliminary, clear, intern)														R			
Authorization														R			
Subject area of credential														R			
Means of demonstrating subject matter competence														R			
Status of credential (valid, pending, revoked)														R			
Credential start date														R			
Credential expiry date														R			
Category of credential (e.g., first, renewal, new credential type)														R			
Application status														R			
Campus that recommended credential														R			
Race/ethnicity														R			
Gender														R			
Academic year		P															
District		P															
Staff employment start date		P															
Staff employment end date		P															
Staff service years LEA (local educational agency)		P															
Staff service years total		P															
School of assignment/delivery		P															
Staff job classification code		P															
Staff job classification full-time equivalent (FTE) percentage		P															
CRS-State course code		P															

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CRS-Local course ID		P															
CRS-Course name		P															
Course section ID		P															
K-12 Institution																	
School identification code		R															
School address		R															
School name		R															
District name		R															
School type		R															
District type		R															
Charter status		R															
All-online status		R															
Kindergarten offerings		R															
School suspension rate		R															
LEA four-year adjusted cohort graduation rate		R															
Average class size by grade		P															
Proportion of graduates meeting College/Career Indicator requirements		R															
Pre-K offered	P										P						
Postsecondary Institutions																	
Postsecondary identification code			R	R	R		P										
Postsecondary address			P	P	P	P	P										
Postsecondary name			P	P	P	P	P										
Community college district			P														
Enrollment characteristics at postsecondary institutions			P	P	P		P										
Institution participates in a College Promise program			P	P			P										

Timeline for Data Inclusion

¹ Data planned for year four 2024-2025
² Data planned for year three 2023-2024
³ EDD data expected Spring 2024
⁴ Data will be available by request

Information on Data Inclusion

Received	R
Not received to date, but planned for future submissions	P
Would need to be submitted by a different data provider in the future and options have been identified	S
Not received to date and the data provider does not expect to provide the data in the future	X

PROVIDER ABBREVIATIONS	
CDE	California Department of Education
ELC	Early Learning and Care
CCC	California Community Colleges
CSU	California State University
UC	University of California
BPPE	Bureau for Private Postsecondary Education
IND	Independent Institutions of Higher Education
CSAC	California Student Aid Commission
EDD	Employment Development Department
DDS	Department of Developmental Services
DSS	Department of Social Services
DHCS	California Department of Health Care Services
DIR	Department of Industrial Relations
CTC	Commission on Teacher Credentialing
SIB	ScholarShare Investment Board
CDWB	California Workforce Development Board
ETP	Employment Training Panel