



Leveraging the Development of a Cradle-to-Career Data System to Assist Teacher Preparation Programs

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Bringing Education Systems Together to Strengthen
California's Teacher Workforce Conference



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Learning Outcomes

Participants will learn about current work at the California Department of Education (CDE) to assist higher education partners with leveraging K-12 data to inform teacher preparation programs. Additionally, the session will highlight the key areas of focus of the Governor's new Cradle-to-Career Workgroup that was signed into law in June 2019.



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Agenda

- Current Data Sharing Agreements:
 - California Commission on Teacher Credentialing (CTC)
 - California Community Colleges Chancellor's Office (CCCCO)
 - University of California Office of the President (UCOP)
 - California State Universities (CSU)
 - Learning Policy Institute (LPI)
- Publicly Available Teacher/Staffing Data
- Ongoing Cradle-to-Career Work



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Current Data Sharing Agreements

- The CDE has shared student- and staff-level data with multiple researchers and fellow state agencies, which requires memorandum of understanding (MOUs) compliant with all federal and state privacy and security provisions.
- Additionally, the CDE shares aggregate level student and staff data with a variety of researchers at universities and non-profits around the country. Many of these projects specifically examine linkages between teacher preparation and K-12 teaching and staffing opportunities.



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California Commission on Teacher Credentialing (CTC)

- The CTC shares credentialing information on individual teachers with the CDE. In return, the CDE provides staffing and course information back to the CTC from California Longitudinal Pupil Achievement Data System (CALPADS) submissions.
- Both the CTC and the CDE use these data for planning purposes as well as for required state and federal reporting purposes.



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California Community Colleges Chancellor's Office (CCCCO)

- In 2017, the CDE began providing the CCCCCO with student-information in order to begin matching records with incoming/applying students.
- In 2019, the CDE began providing the CCCCCO with course data for students in order to improve course placement at community colleges. In return, the CCCCCO will share information with the CDE required for Perkins and other reporting purposes.



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University of California Office of the President (UCOP)

- Researchers at the UCOP are utilizing CDE staffing data to create a database linking individuals who have completed UC teacher preparation programs with employment in K-12 schools.
- UCOP is also developing an interactive map which illustrates where UC teacher preparation completers are finding teaching and school leadership positions throughout the state.



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California State Universities (CSU)

- CSU staff have requested CDE staffing data to create an interactive Dashboard tracking graduates from their teacher preparation programs.
- This data sharing project includes an extensive “fuzzy match” process to ensure data accuracy.
- The CSU Teacher Dashboard is currently being developed and is expected to be complete soon.



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Learning Policy Institute (LPI)

- LPI is examining areas of teacher shortages across the state and identifying “Positive Outliers” or exemplars of best practices that could be imitated in different educational contexts.
- Additionally, LPI is researching the impact of unequal educational opportunities and providing policy recommendations for improving access to quality education across the state.



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Publicly Available Staffing Data

- The CDE reports teacher/staffing data beginning with the 1997-1998 school year. These data can be found on the CDE's DataQuest site: <https://dq.cde.ca.gov/dataquest/>
- Downloadable teacher/staffing data are also available on the CDE website: <https://www.cde.ca.gov/ds/sd/df/>
- Specific downloadable files are available, including certificated staff, classified staff, English learner staff, and other historical staffing data.
- There are also downloadable data files for course information, including enrollment, by grade level, UC/CSU indicator, as well as assignment information (e.g., type of staff and time base).



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Cradle-to-Career Workgroup

- On July 1, 2019, Governor Newsom signed Senate Bill 75, the Education Omnibus Budget Trailer Bill.
- Dubbed the “cradle-to-career” education data system bill, California education institutions including the CDE, CCCCO, CSU, UC, CTC, and others are tasked with linking student-level information from Pre-K through post-secondary.
- The CDE has participated in multiple planning meetings and plans on playing a leadership role in ensuring that data are shared across the sectors.



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Questions

