

Liberty Lauer Van Natten (She/Her/Hers)

Director of the Education Data Management Division, California Department of Education



Liberty is the Director of the Education Data Management Division at the California Department of Education overseeing student and school-level data collection for California's public TK-12 schools. Liberty holds an undergraduate degree in English from California State University, Chico and a graduate degree in Linguistics from the University of California, Davis. She previously served as the Department's Foster Youth Data Liaison. Before joining the Department, Liberty worked for local educational agencies conducting research and evaluation and taught English

as a Second Language at both the high school and post secondary levels.

Glenn Miller

Information Technology Manager in the Technology Services Division, California Department of Education



Glenn Miller is an Information Technology Manager in the Technology Services Division at the California Department of Education leading several teams including the Department's data warehouse team. He previously has served in several data and technology roles in the Department as the Administrator for CALPADS operations, as a data steward for reporting and research data, and as project manager. Prior to the Department Glenn worked for WestEd leading the team that developed and supported the Department's Migrant Education Program data collection and

reporting systems and field staff support systems, worked with researchers on various projects, and was part of the federally funded California Comprehensive Center. Prior to WestEd, Glenn was an implementation manager, and state reporting engineer at PowerSchool and a teaching associate at CSU, Sacramento. Glenn holds an

undergraduate degree in Business and a graduate degree in Communications from CSU, Sacramento.



The California Department of Education and California Cradle-to-Career Data System

Progress, Updates, and Looking Forward

August 14, 2024

Glenn Miller, Information Technology Manager

Liberty Van Natten, Director, Education Data Management Division

CALIFORNIA DEPARTMENT OF EDUCATION

Tony Thurmond, State Superintendent of Public Instruction



Today's Agenda

Update on the California Department of Education (CDE) Cradle-to-Career (C2C) data transfer work

Update on the California College Guidance Initiative (CCGI) practical tools data work

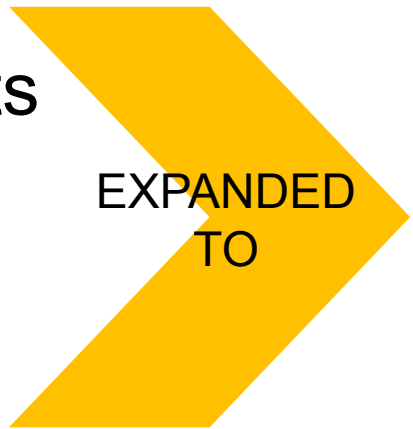
Data collection and reporting by the CDE

New preschool data collection system

Contribution to C2C Data System

11 years of TK-12 student-level data totaling **800 million** records for **15.6 million students**

75 data points outlined in the Participation Agreement



223 data points planned for March 2025

~200 million records annually





Data Projects with the California College Guidance Initiative

Phase I – Universal Basic Accounts for all students grades 6-12

- Revised Memorandum of Understanding - May 2023
- Weekly file transfer - (3+ million students; ~1,200+ LEAs)



California College

Guidance Initiative



Data Projects with the California College Guidance Initiative

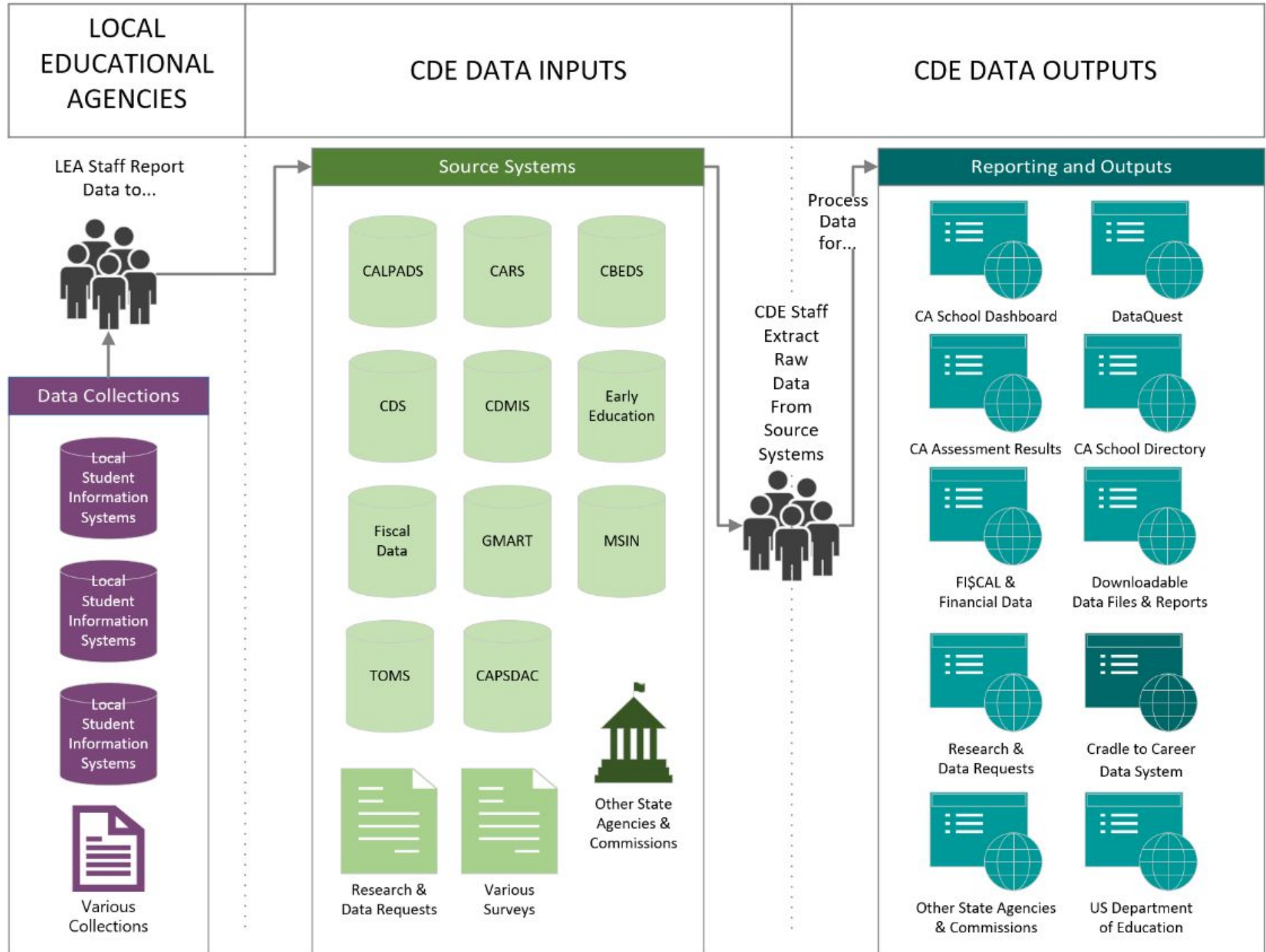
Phase II – Transcript Informed Accounts

- CCGI Transcript and Student Record Portability Standard
- Data reporting by LEAs to CCGI EC 60900

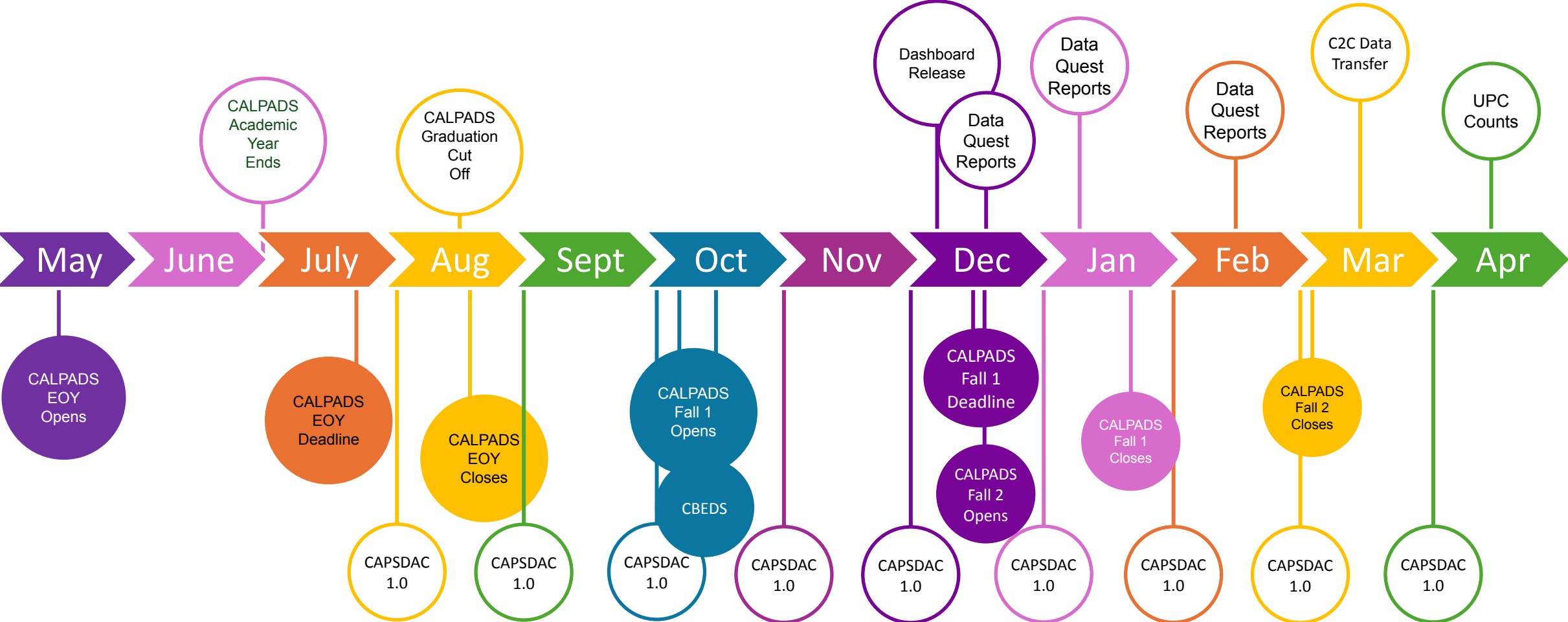


California College
Guidance Initiative

Current CDE Data Work and Data Flows

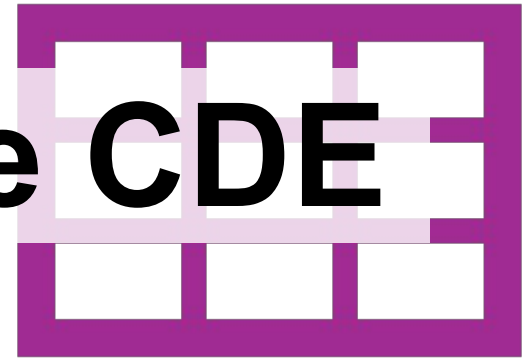


Typical CDE Data Collection and Reporting Cycle*



*This is not comprehensive of all collection and reporting

Data Reporting by the CDE



History of CDE Data Reporting

CDE publishes **QuickQuest** which provides reports to the public using aggregate data collected through **Datagate** and CBEDS

1999

CDE begins publishing aggregate reports with CALPADS* certified data collection CBEDS collections in what is now called **DataQuest**

2010

CDE implements CALPADS, a detailed and richer longitudinal student data collection to support NCLB requirements

2009

CDE continues to expand and publish reports in **DataQuest** based on the Department's data collections

TODAY

*California Longitudinal Pupil Achievement Data System

CDE Report Features and Options



Program Student Groups

Foster Youth
Homeless
Migrant
Socioeconomically Disadvantaged
Students with Disabilities
English Learners
Long-Term English Learners

Reporting Levels

School
Charter
District
SELPA
County
Alternative Schools
State

Race/Ethnicity Student Groups

African American
American Indian
Asian
Filipino
Hispanic
Two or More Races
Pacific Islander
White

Reporting Categories

Grade level
Grade span
Age
Gender
Academic Year

CDE Public Data Resources



California School Directory



Downloadable Data Files



Data Research Partnerships

- 25 Active Data Sharing Agreements
- 3 Institute of Education Sciences (IES) Grants focused on:
 - Pandemic Recovery Efforts
 - College and Career Readiness Standards
 - Improving Education Stability for Foster Youth





New Data Collection

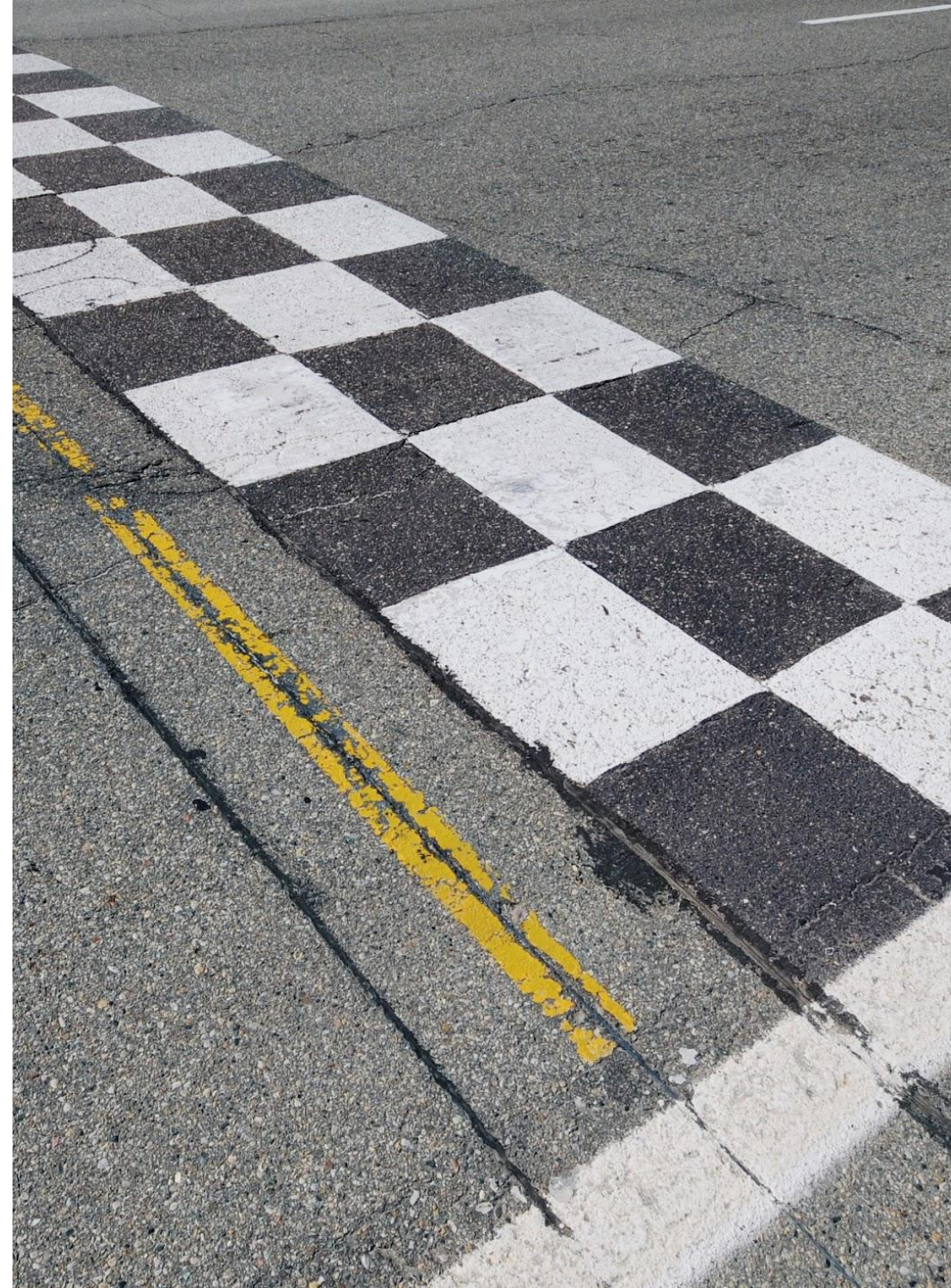
The California Preschool Data Collection System (CAPSDAC)

In July 2022 Assembly Bill 22 amended California Education Code Section 60910 to require the CDE to collect the same data for children and educators in local educational agency (LEA) based State Preschools (CSPPs) as it does for students enrolled in Transitional Kindergarten (TK) by July 2024.

The starting point (where we were)

Current CSPP collection:

- Monthly submission of complete data
- No unique child identifier
- Different site IDs from existing CDE data systems
- Limited data compared to CALPADS
- Implemented to support funding LEAs for the program



Requirement Analysis

Aligning and adapting CALPADS file structures and processes to:

- CSPP program
- CDE's operational needs
- LEA capacity for change

CALPADS follows TK-12 state and federal requirements for reporting and use.

- Operational differences
- Local data managed differently
- Public (LEAs) and private (community-based non-profit)
- Need to maintain existing systems

CALPADS

vs.

CAPSDAC

Eligibility	Grades TK-12 Universal access	Ages 2-5 Qualify for access
Structure	Specific relationships (County > District > School)	Many combinations of relationships with public and private organizations
Definition of a School	Only public TK-12 schools	CBOs (private), community colleges, LEAs, COEs
Oversight	Federal & state accountability (LCFF & ESSA)	Funding and monitoring requirements
Submission Cycles	3 certification cycles	Monthly data to support payments
Data Reporting and Use	LEAs must maintain data for operational use (Assessments, EBT, CCGI)	Timeliness of data is not as critical as TK-12

Phased Implementation Approach

Phase 1

Short-term extension of existing Preschool Language Information System (PLIS) to create Version 1.0 (**live on July 1, 2024**) to begin growing the data collection by:

- Adding classroom
- Adding additional demographics
- Collecting teacher data
- Identifying sites using a County-District- School (CDS) code to meet Department standards and CDE Internal organizational, business, and operational process changes

Phases 2 through 4

Working with LEAs in Version 1.0 while developing 2.0 to be a full feature release:

- Creating the system and processes for issuing and maintaining a unique child ID for CSPP students
- Full alignment to CALPADS data and operations
- Planning for addition of Community Based Organization and California Community College CSPP data, should that be required by statute
- Interoperability with CALPADS records
- Support Data use:
 - Federal program reporting
 - C2C data
 - Research
 - Legislative reporting



THANK YOU!

CALIFORNIA DEPARTMENT OF EDUCATION

Tony Thurmond, State Superintendent of Public Instruction