

Mary Nicley
Chief Deputy Superintendent



Mary Nicely was appointed as the Chief Deputy Superintendent of Public Instruction at the California Department of Education (CDE) on September 9, 2021. She is responsible for the overall operations and administration of eight branches and implementation of key initiatives identified by State Superintendent of Public Instruction (SSPI), Tony Thurmond: recruitment and retention of teachers of color, community schools, educator housing, and public/private partnerships with philanthropy and industry.

Ms. Nicely also oversees the Information & Technology Branch, leading efforts to modernize the department's technology systems. She supports the SSPI's Digital Divide Taskforce, working with internal and external constituents, technology companies, and major internet providers throughout the state to close technology gaps impacting students and educators. Prior to her appointment as Chief Deputy, Mary worked at the CDE as the SSPI's Senior Advisor since 2019. Before joining CDE, she served as Chief of Staff and District Director to then-Assembly Member Thurmond, representing California's 15th Assembly District.

As an innovative entrepreneur with a strong aptitude for technology, Mary Nicely founded her own company and was President and CEO of Nicely Done Solutions, Inc., a custom database development company headquartered in Berkeley, California, for 16 years. She also worked for Apple Computer for 14 years, serving as the Western U.S. K-12 Service and Support Manager for 7 of those years.

Mary is a first generation Burmese American and proud product of California public schools. She graduated from Monterey Peninsula Community College and U.C. Berkeley with a degree in Political Economy of Industrial Societies. She

was Commissioner and Chair of the Public Education Sub-Committee at the City of Berkeley Peace and Justice Commission for 8 years, and she currently serves on the Asian Pacific American Heritage Awards Steering Committee of San Francisco since 2010. From 2010 to 2016, Ms. Nicely was the Emerging Communities Liaison for the White House Initiative on Asian Americans & Pacific Islanders for the San Francisco Bay Area.



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

Progress, Updates, and Looking Forward

August 9, 2023

Mary Nicely, Chief Deputy Superintendent of Public Instruction

CALIFORNIA DEPARTMENT OF EDUCATION

Tony Thurmond, State Superintendent of Public Instruction

**CDE
Data
Contribution
to Cradle-to-
Career Data
System**

10 years of K-12 student-level records for **10+ million students**

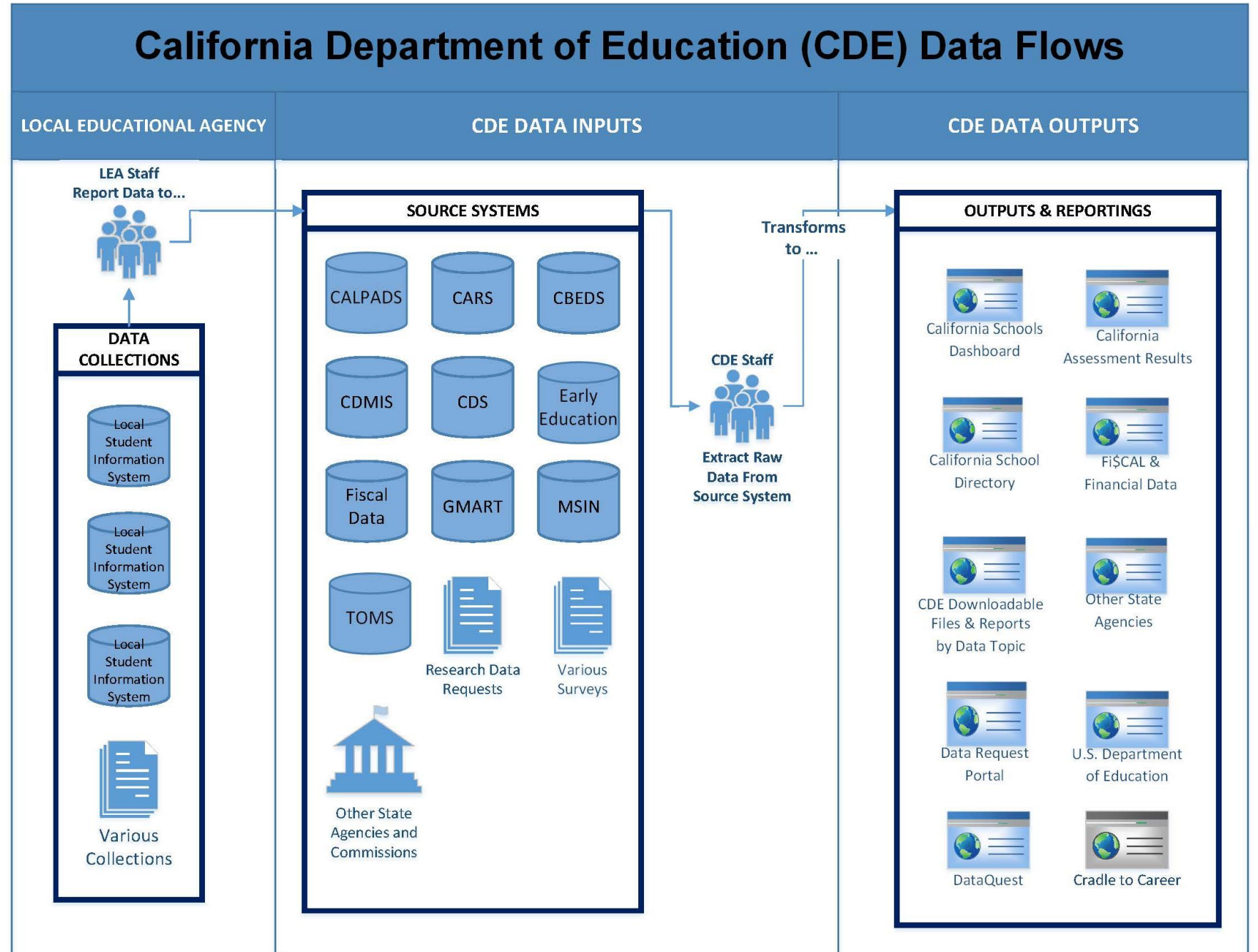
Over **70 data points** outlined in the Participation Agreement

Potential **200+** individual data elements

As many as **200 million** elements annually

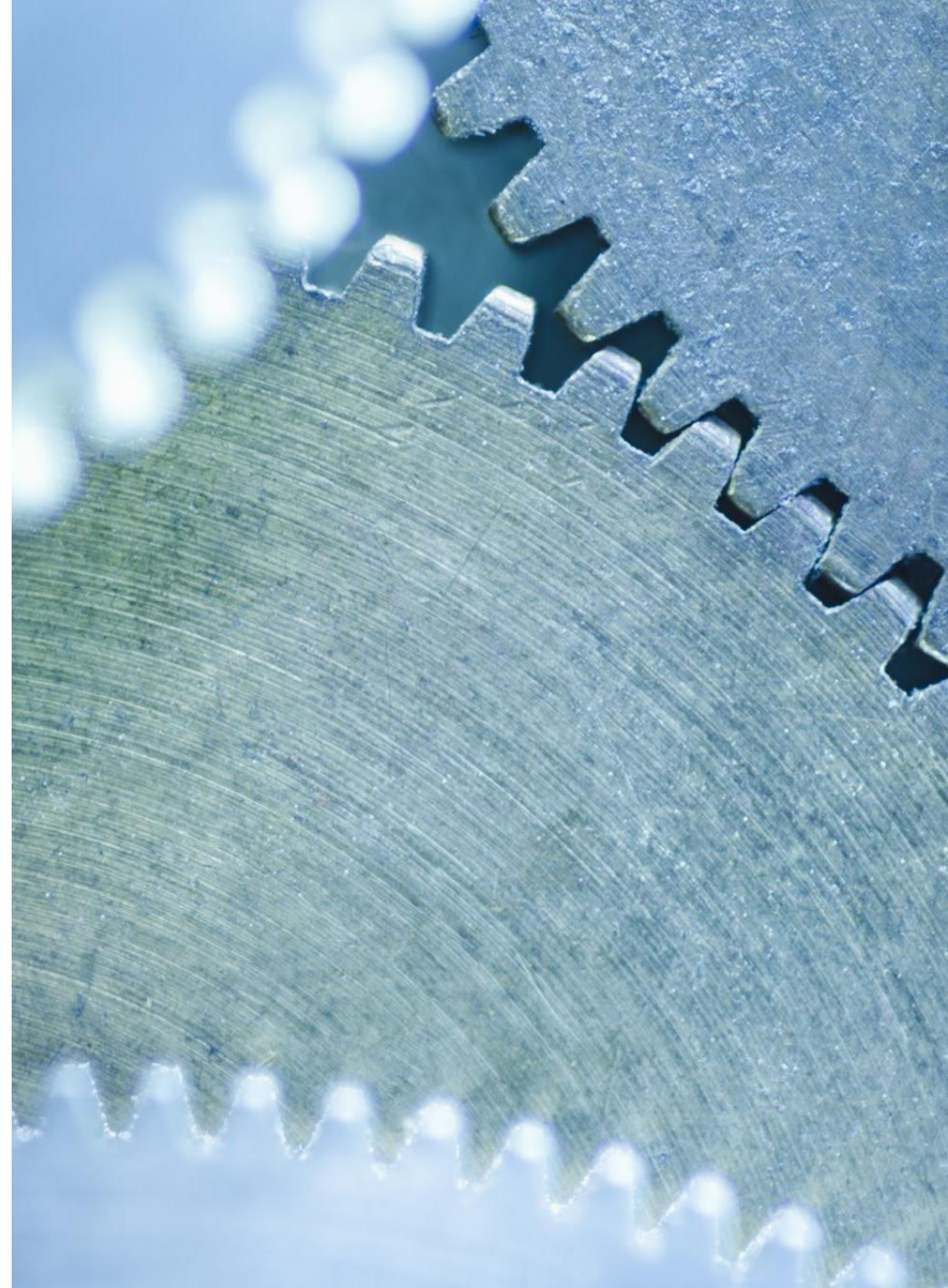
200 billion elements in first transmission

Current CDE Data Work and Data Flows



Systems Improvements

- California Longitudinal Pupil Achievement Data System (CALPADS) system enhancements
 - Improved data processing and data validations for increased system performance
- Creation of data warehouse
 - Single source of data for operational and research data needs
 - Transfer data to C2C
 - Transfer data to California College Guidance Initiative (CCGI)





Collaboration with C2C

- Serve as representative on the C2C Governing Board
 - Serve as representative on the Data and Tools Advisory Board
 - Refine P20W data elements and file specifications through bi-weekly staff meetings
 - Assist with the Teacher Dashboard project through bi-weekly staff meetings
 - Attend all public C2C meetings
 - Provide technical and policy review of C2C documents and materials
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CDE Staffing Data Reporting



- Teaching Assignment Monitoring Outcome Reports (released June 2022)
- Additional CDE reports planned (funded through AB 102, Section 109):*
- Certificated Staff Reports (Staff Profile): Teachers, Administrators, and Pupil Services Staff
 - Demographics, Experience, and Education
 - Teacher and Student Demographic Comparison Reports
 - Teacher Retention and Turnover Reports
 - Student-Teacher Ratio Reports
 - Course Enrollment Reports
 - Class Size and Average Class Size Reports

Data Projects with the California College Guidance Initiative

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

- Memorandum of Understanding - May 2023
- Test file from CDE to CCGI - July 2023
- Weekly file transfer - begins Fall 2023 (3+ million students; 1,200+ LEAs)

Phase II – Transcript Informed Accounts

- Collaboration with CCGI on requirements
- Technical discussions
- This will be a new data collection





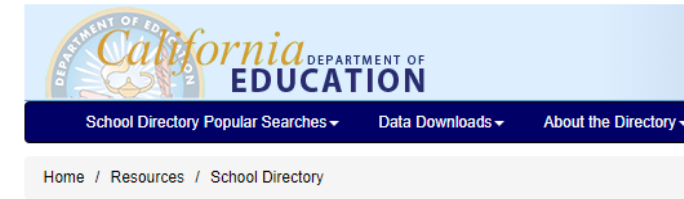
CDE-CCGI Communications Project

- Promote statewide scale-up of CCGI
- Participate in joint communications to promote CCGI with public college and financial aid systems with the goal of:
 - Increasing number of student accounts
 - Increasing student access to and use of operational tools

CDE Public Data Resources



California School
DASHBOARD



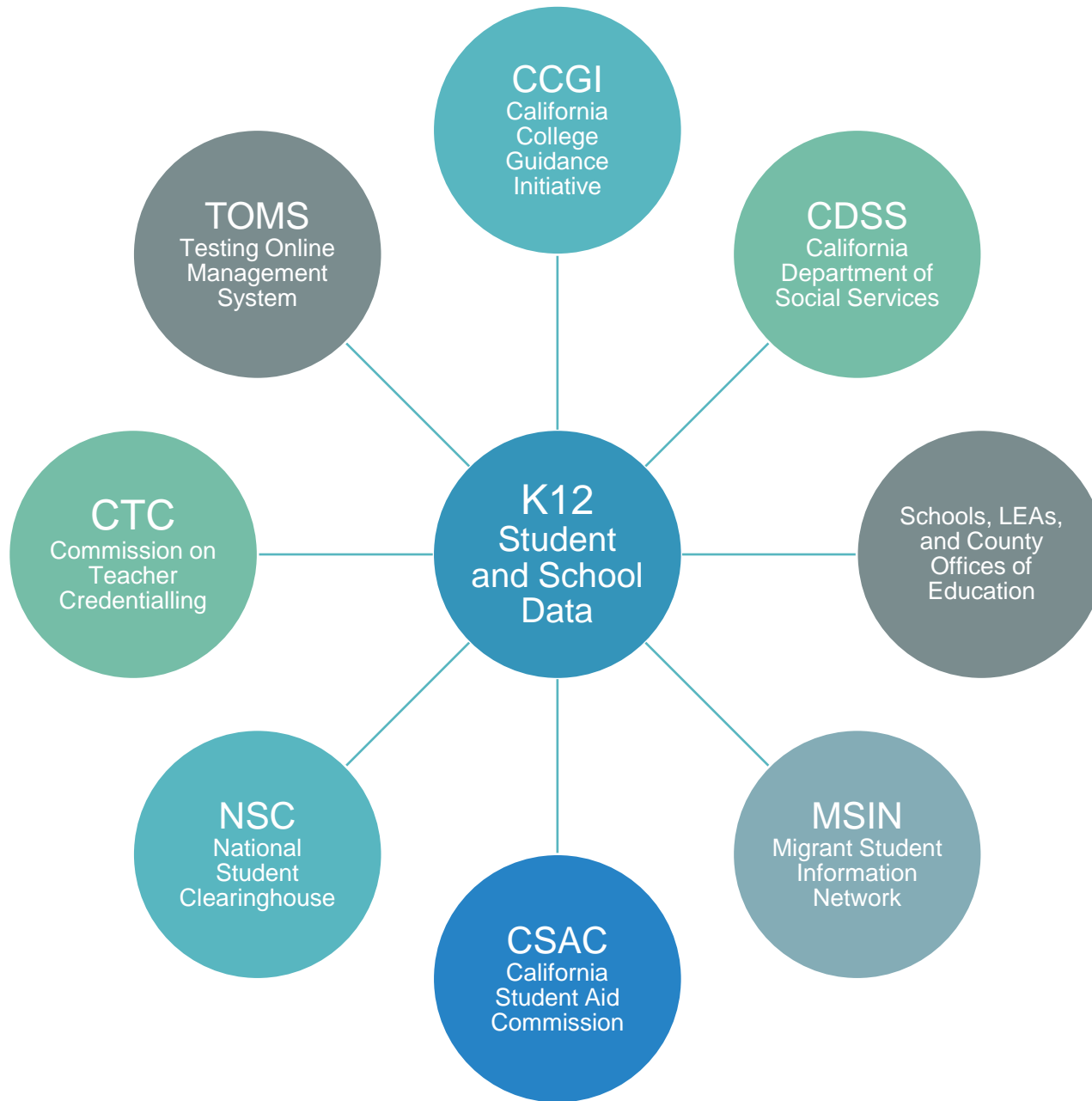
California School Directory



Downloadable Data Files



Supporting C2C



California Cradle-to-Career Data System and Operational Tools

