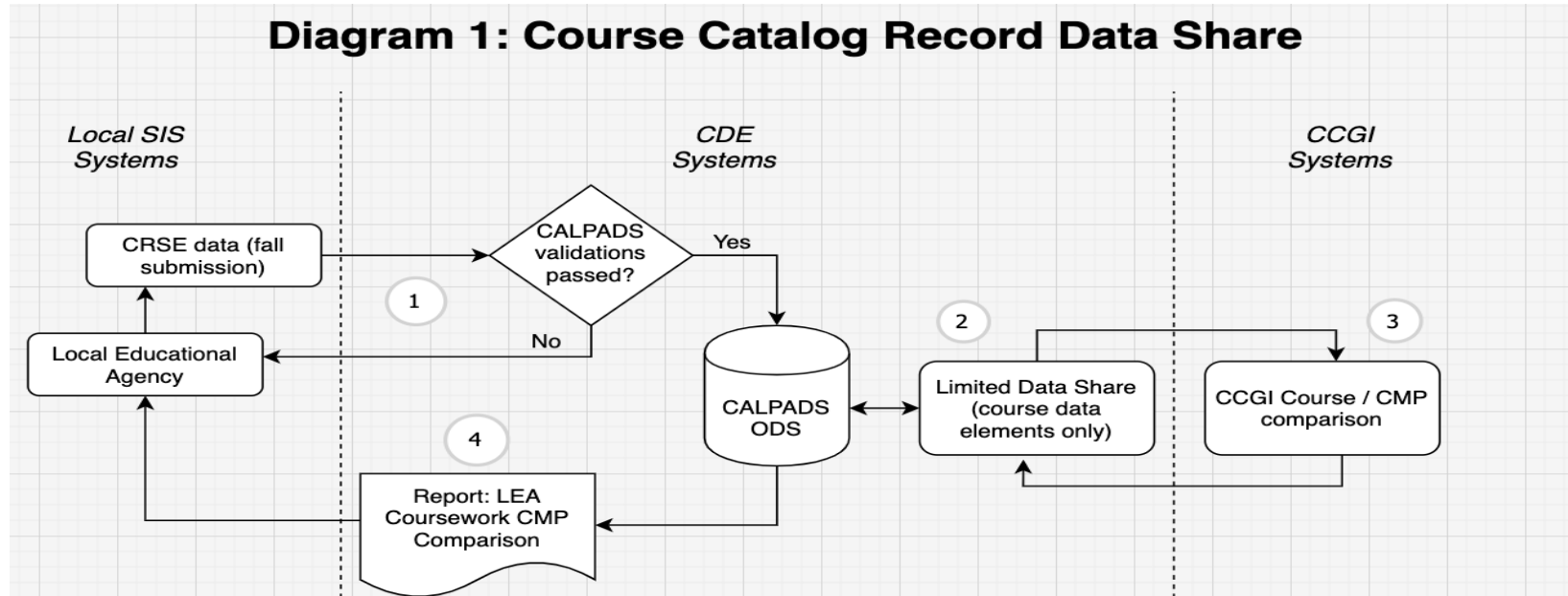# California College Guidance Initiative – Cal PADS Data Flow
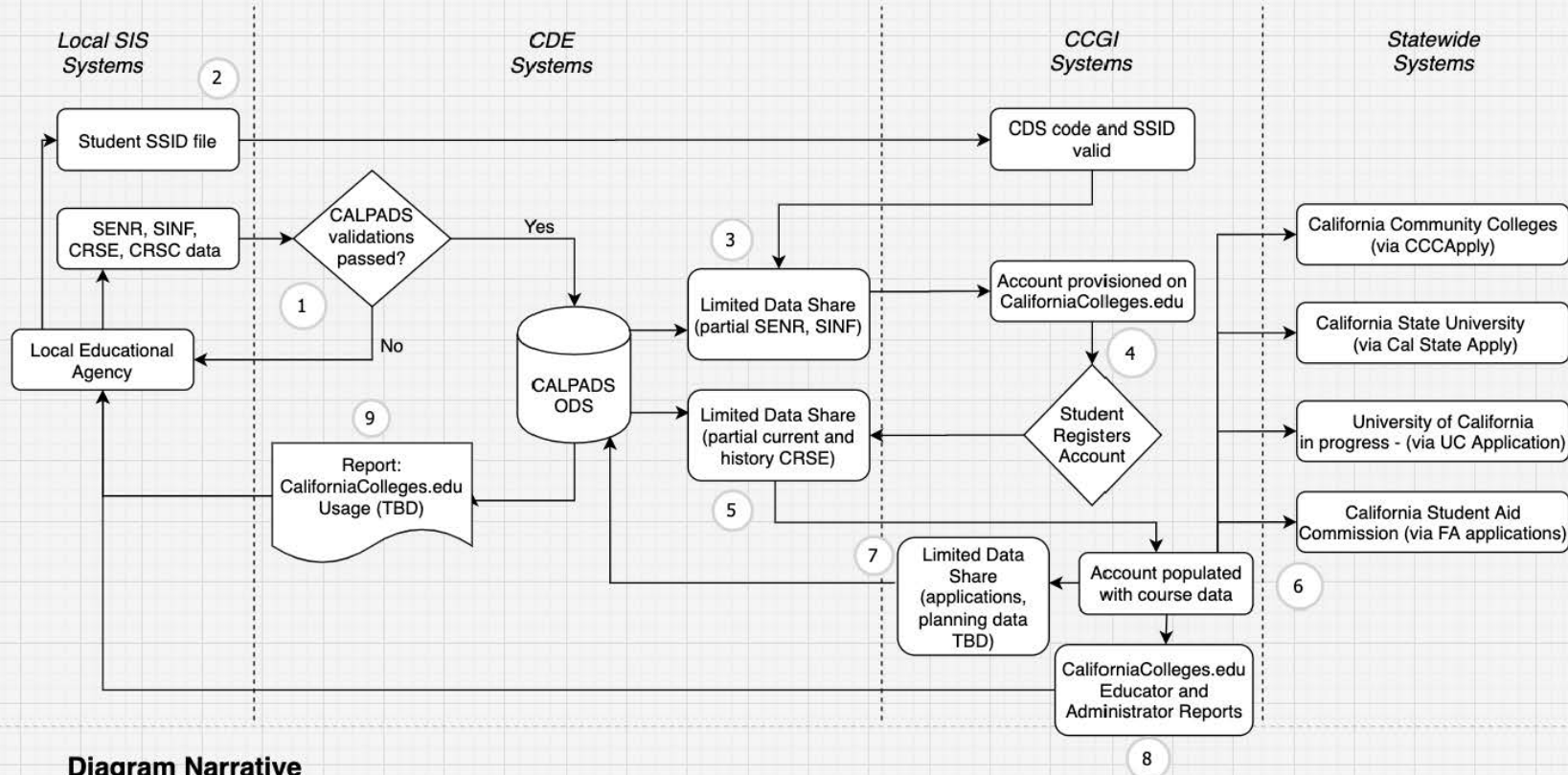
Diagram 1: Course Catalog Record Data Share

Diagram Narrative

1 This loop describes the current data share process between LEAs and CALPADS.

2 This limited data share will only include course data elements necessary to meet the business need. May be expanded to include school information. The data share is expected to occur in a Snowflake to Snowflake data share with column level security restrictions. Non-PII only.

3 A comparison of each "a-g" course to the Course Management Portal (CMP) data will be performed by CCGI and the results returned to CDE.

4 A report will be shared with LEAs describing the results of matching the CRSE data originally submitted with CMP course data.
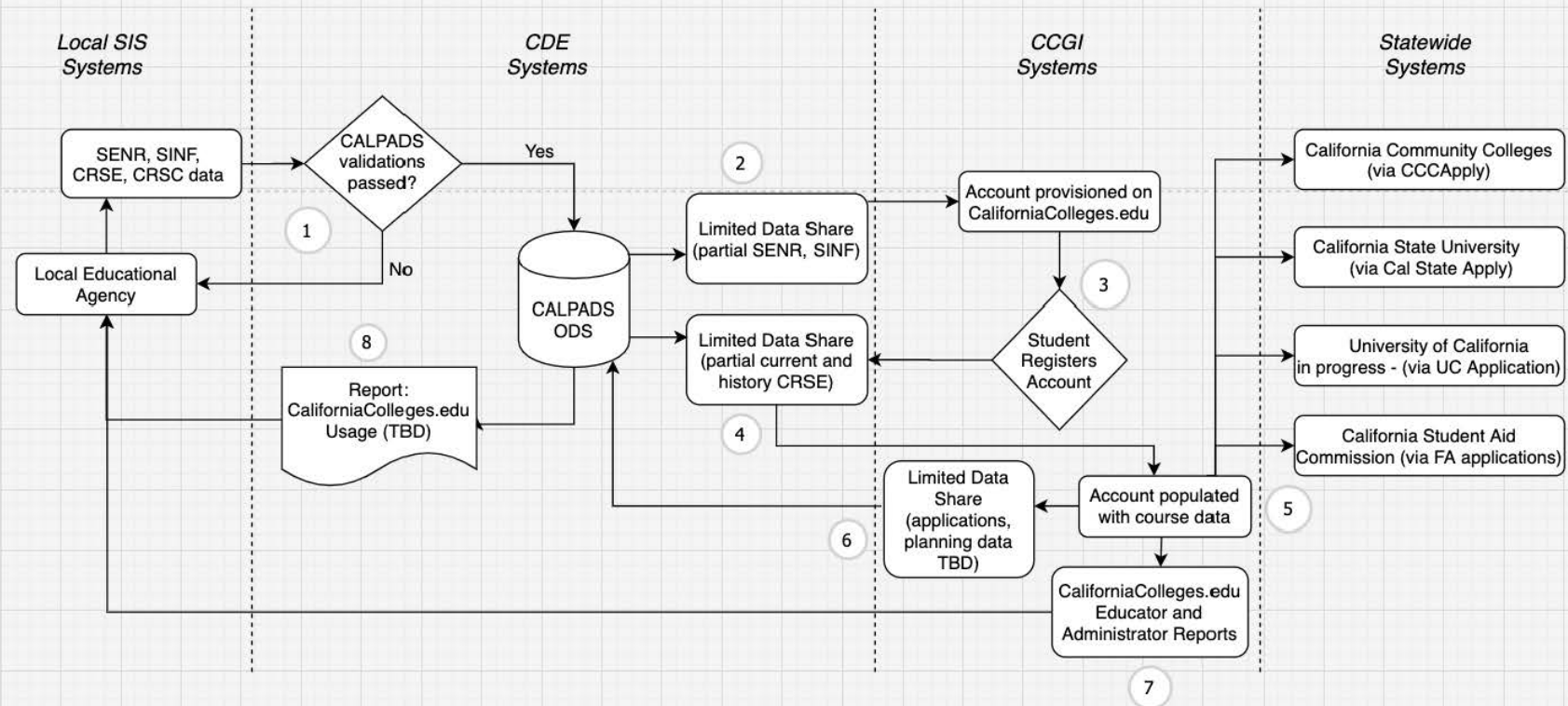
Diagram 2(a): Student and Course Record Data Share
(LEA opt-in model)

Columns: Local SIS Systems | CDE Systems | CCGI Systems | Statewide Systems

Flowchart elements:
- Student SSID file → CDS code and SSID valid (2)
- SENR, SINF, CRSE, CRSC data
- CALPADS validations passed? (1) — Yes / No
- Local Educational Agency
- CALPADS ODS
- Limited Data Share (partial SENR, SINF) (3) → Account provisioned on CaliforniaColleges.edu
- Limited Data Share (partial current and history CRSE) (5)
- Student Registers Account (4)
- Report: CaliforniaColleges.edu Usage (TBD) (9)
- Limited Data Share (applications, planning data TBD) (7)
- Account populated with course data (6)
- CaliforniaColleges.edu Educator and Administrator Reports (8)
- California Community Colleges (via CCCApply)
- California State University (via Cal State Apply)
- University of California in progress - (via UC Application)
- California Student Aid Commission (via FA applications)

Diagram Narrative

1. This loop describes the current data share process between LEAs and CALPADS.

2. The LEA will submit a list of SSIDs of all students who have not opted out of the data share.

3. The SSIDs will be looked up in the most recent SENR and SINF data in CALPADS. This limited data share will only include student data elements necessary to register the student in CaliforniaColleges.edu (name, local ID, DOB, gender, ethnicity). The data share is expected to occur in a Snowflake to Snowflake data share with column level security restrictions.

4. Students will register their accounts on CaliforniaColleges.edu by matching against verified CALPADS data (SSID, local ID, DOB).

5. Students will be looked up in the CRSE files in CALPADS. This limited data share will only include course data necessary to populate the student's account in CaliforniaColleges.edu (course name, ID, subject area, year, school). The data share is expected to occur in a Snowflake to Snowflake data share with column level security restrictions.

6. Upon application submittal, and with student consent, course data and SSID from the student's account will be shared with statewide systems.

7. As needed, student account data will be shared with CDE. Possible examples of such data include applications submitted, college and career planning data, or completed activities.

8. CaliforniaColleges.edu includes real-time reporting for verified educators and administrators. This data is available to the LEA as students complete activities and applications on the platform.

9. A report will be shared with LEAs, as needed, describing student activity on the CaliforniaColleges.edu.

This is a document from the planning process for California's Cradle-to-Career Data System that occurred during 2020-2021. Please visit c2c.ca.gov for information on how the data system is being implemented.

Diagram 2(b): Student and Course Record Data Share
(Statewide Resource Model)

Local SIS Systems	CDE Systems	CCGI Systems	Statewide Systems

Local SIS Systems:
- SENR, SINF, CRSE, CRSC data
- Local Educational Agency

CDE Systems:
- CALPADS validations passed? (1)
  - Yes / No
- CALPADS ODS
- Limited Data Share (partial SENR, SINF)
- Limited Data Share (partial current and history CRSE)
- Report: CaliforniaColleges.edu Usage (TBD) (8)

CCGI Systems:
- Account provisioned on CaliforniaColleges.edu (2)
- Student Registers Account (3)
- Limited Data Share (applications, planning data TBD) (6)
- Account populated with course data (4)
- CaliforniaColleges.edu Educator and Administrator Reports (7)

Statewide Systems:
- California Community Colleges (via CCCApply)
- California State University (via Cal State Apply)
- University of California in progress - (via UC Application)
- California Student Aid Commission (via FA applications) (5)

Diagram Narrative

1 This loop describes the current data share process between LEAs and CALPADS.

2 Student data will be looked up in the most recent SENR and SINF data in CALPADS. This limited data share will only include student data elements necessary to register the student in CaliforniaColleges.edu (name, local ID, DOB, gender, ethnicity). The data share is expected to occur in a Snowflake to Snowflake data share with column level security restrictions.

3 Students will register their accounts on CaliforniaColleges.edu by matching against verified CALPADS data (SSID, local ID, DOB).

4 Students will be looked up in the CRSE files in CALPADS. This limited data share will only include course data necessary to populate the student's account in CaliforniaColleges.edu (course name, ID, subject area, year, school). The data share is expected to occur in a Snowflake to Snowflake data share with column level security restrictions.

5 Upon application submittal, and with student consent, course data and SSID from the student's account will be shared with statewide systems.

6 As needed, student account data will be shared with CDE. Possible examples of such data include applications submitted, college and career planning data, or completed activities.

7 CaliforniaColleges.edu includes real-time reporting for verified educators and administrators. This data is available to the LEA as students complete activities and applications on the platform.

8 A report will be shared with LEAs, as needed, describing student activity on the CaliforniaColleges.edu.