

SLDS GLOSSARY

AP (Advanced Placement): A curriculum sponsored by the College Board that offers standardized college-level courses and aligned summative assessments to high school students.

ADE: Automated Data Exchange System

Adult Education: A program providing basic education and literacy services to adults over the age of 16 who are not currently enrolled in school and lack a high school diploma or the basic skills to function effectively in the workplace and in their daily lives.

Agency/entity: An organization, company, or bureau that provides some service for another; an administrative division of government.

AIR: Adobe Integrated Runtime (Internet application development environment that can be run as desktop application)

ARRA: American Recovery and Reinvestment Act (2009 SLDS Grant is an ARRA funded Grant)

Benchmark or interim assessment: An assessment administered throughout the school year that a) evaluates student knowledge and skills relative to a specific set of academic goals, usually within a limited period of time, and b) is designed to give educators immediate, formative feedback on how students are performing, and inform decisions at the classroom and school or district level.

BI (Business Intelligence) tools: A type of software designed to create reports and present data.

BOCES: Boards of Cooperative Educational Services

CBLA: Colorado Basic Literacy Act

CCB: Change Control Board

CDHS: Colorado Department of Human Services

CDOC: Colorado Department of Corrections

CDPS: Colorado Department of Public Safety

CGM: Colorado Growth Model

Contributing data: Providing individual-level data to be stored in an SLDS data warehouse or allowing individual level data to be linked with other agencies' individual-level data for longitudinal analysis (federated model).

CDLE: Colorado Dept of Labor and Employment

CUPID: Colorado Unique Person Identifier

Dashboards: A graphic display of key data reports or metrics that are refreshed on a regular basis and designed to be easy to read.

Data access/use training: Structured learning opportunities regarding how to locate, log into, navigate, and generate reports using SLDS applications/user interfaces such as business intelligence tools and dashboards.

Data governance: An organizational process and structure that establishes responsibility for data and organizes program area staff to collaboratively and continuously improve data quality through the systematic creation and enforcement of policies, roles, responsibilities, and procedures.

Demographics: Characteristics of individuals, including student name, date of birth, gender, race/ethnicity, disability status, etc.

DHE: Colorado Department of Higher Education. CDHE is responsible for collecting institutional data from Colorado institutions of higher education including information on admissions, enrollment, credit hours, remediation, educator preparation programs, degrees and credentials earned and other indicators.

Diploma/certificate type: The credential earned by a completer or graduate, including high school diploma, special education diploma, modified diploma, certificate of attendance, and GED.

Discipline data: Information about student infractions of rules, including type of incident, type of disciplinary action, duration of disciplinary action, etc.

Dual enrollment: When a student is concurrently enrolled in secondary school and an institution of higher education, often with the intent of earning both secondary and postsecondary credit.

Early childhood agency: A state administrative division of government responsible for overseeing programs serving children between birth and school age.

Early intervention screenings: Information about services provided to infants and toddlers ages birth to three with disabilities (including but not limited to Part C of IDEA) such as health and behavior screenings.

Early learning: Early learning refers to data on early childhood education and development, including data from programs serving children from ages 0 to 5 such as preschool, Head Start, and IDEA.

Early learning provider: The individual responsible for providing early learning services to a set of children. This term is akin to 'teacher' in the K12 setting.

EARSS: Expelled and At-Risk Student Services

ECLC: Early Childhood Leadership Commission

EDAC: Education Data Advisory Council is a statewide representative group of school district volunteers which reviews all Colorado Department of Education (CDE) P-12 data collections including grant applications, surveys, plans, reports, assessments, evaluations and automated data exchange systems. EDAC determines whether the benefits derived from a data collection outweigh the administrative burden of producing the data; determines and recommends the most efficient ways of collecting data; determines if recommendations for new data collections are redundant and proposes alternatives; and reviews department-proposed data collection procedures and recommends improvements.

EDEN: Education Data Exchange Network is a centralized portal through which states submit their educational data to the U.S. Department of Education.

EDFacts: U. S. Department of Education initiative to put performance data at the center of policy, management and budget decisions for all K-12 educational programs, relies on data collected through EDEN. EDFacts centralizes performance data supplied by K-12 state education agencies with other data assets, such as financial grant information, within the U. S. Department of Education to enable better analysis and use in policy development, planning and management.

EDID: State assigned Educator ID

Education Data Subcommittee was created through legislation as a subcommittee of the Government Data Advisory Board. The subcommittee's primary mission is to provide recommendations for the creation of a statewide comprehensive P-20 education data system.

Educator of Record (sometimes called Teacher of Record): Individual or individuals assigned responsibility for a student's learning in a subject/course with corresponding performance measures

EDMS: Enterprise Data Management Strategy is one foundational element of SLDS, and refers to the linking of data systems across state agencies and organizations. It requires data governance in place for common guidelines and processes, as well as interoperable technology for easy of data sharing.

Educator Effectiveness Initiative: Initiative born from legislation requiring that we determine the effectiveness of Colorado educators by measuring their performance against student performance.

For more information, please go to:

<http://www.cde.state.co.us/EducatorEffectiveness/downloads/EE%20Newsletters/EE%20communication%20Sept%20%202011.pdf>

EDX: Education Data eXchange committee was assembled to help guide the vision of a next-generation data exchange system and collaborate with technology peers across the state.

Enrollment qualifiers: The criteria by which children are admitted into an early childhood program, such as low income, for children with language delays, etc.

ESOL: English for Speakers of Other Languages.

E-transcripts (Electronic transcripts): A student's permanent academic record in digital format for transmission to another education agency. E-transcripts usually include courses taken, grades received, and degrees earned.

Exit codes: A set of numeric values and definitions for identifying why a student's enrollment ended. For example: transfer out of state, drop out, incarceration, etc.

Federal Reporting. CDE, through its operational data store and Education Data Warehouse, provides the US Department of Education with the information to meet current state and federal reporting requirements, including **EDFacts**, accountability reporting, and dropout reporting. The current process for gathering and correlating the appropriate data is time consuming and often difficult. At this time, only 50% of the data required for federal reporting exists in the warehouse. The remainder is located in manual reports and must be associated and validated prior to submission.

Federated model: An SLDS structure in which multiple data systems or data warehouses have linkages to regularly share and match individual-level data to conduct longitudinal analyses.

Feedback report: Consolidated information provided to education entities about the subsequent academic performance or employment outcomes of the entities' former students.

FERPA: Family Education Rights and Privacy Act – federal law governing privacy

GDAB: Government Data Advisory Board was created through legislation to advise the State Chief Information Officer on how the state should govern and manage data and data management systems.

HIPAA: Health Information Protection Accountability Act

HIT: Health Information Technology is one of OIT's strategic goals. The work includes promoting adoption and incorporation of HIT, promoting interoperability and Healthcare Information Exchange (HIE), fostering implementation by executive branch and policy makers, and engaging the private sector and expanding the use of HIT.

IDEA: Individuals with Disabilities Education Act

IdM: Identity Management identifies, implements, administers and terminates identities of individuals in an organization and controls access to the systems/programs, etc. in that organization.

IEP: Individual Education Plan

IEP Management System: Initiative being funded from CDE's Exceptional Student Learning Unit's annual budget. The IEP management system will assist in the documentation and reporting of special education student information through the use of an integrated database management system.

IMS: Information Management Systems (within CDE)

Kindergarten entry assessment: An assessment used to determine children's skills and abilities at the time they enter kindergarten. The assessment informs instruction and services in the early elementary grades.

LEA: Local Education Agency (e.g., school district)

Linked with SLDS: Allowing regular access to individual-level data across different agencies' databases to conduct longitudinal analyses.

Match process: The protocol or series of steps used to analyze all the information relating to individuals and/or entities from multiple sources of data to determine whether the same individual or entity exists in more than one database. May include use of SSN.

MDM: Master Data Management is a set of processes and tools that provide processes for collecting, aggregating, matching, consolidating, quality-assuring, persisting and distributing data throughout an organization to ensure consistency and control in the ongoing maintenance and application use of this information.

Metadata: Structured information about data that makes them easier to retrieve, use, or manage, including element definitions, code sets, permitted values, transformation rules, business rules for metrics, and a recorded history of any changes to these attributes over time.

NCES: National Centre for Educational Statistics

National Student Clearinghouse: A national repository of postsecondary enrollment data.

Occupation code: Permitted values within the Standard Occupational Classification (SOC) system used by federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data.

OCM: Organizational Change Management

OIT: Governor's Office of Information Technology, State of CO

OLA: Operational Level Agreement - Defines the interdependent relationships among the internal support groups of an organization working to support an SLA (see below). The agreement describes the responsibilities of each internal support group toward other support groups, including the process and time-frame for delivery of their services.

Overall usage: Over a given period of time, the total number of unique users accessing the system and/or the total number of system log ins.

P-20W partner agencies/entities: State agencies/entities other than the state education agency that contribute data or links to the SLDS, including early childhood, postsecondary, adult education (if separate), workforce, social services, etc.

Pre-K: An early childhood education program serving students before kindergarten.

Program attributes (early childhood): Information about the organizations providing early childhood services, including information such as the number of other children served, number of providers, and daily activities.

Program/major: The program or major that a student completed when they earned a degree.

Provider data: Information about the individuals providing early childhood services.

Quality ratings: Systems used by states to measure the quality of early childhood programs such as the Early Childhood Environmental Rating Scale (ECERS) or the Quality Rating and Improving System.

Remediation: Instructional courses designed for students deficient in the general competencies necessary for a regular postsecondary curriculum and educational setting.

Remediation placement: Occurs when a student's assessment score has indicated they will need remedial course work.

RITS: Records Integration Tracking System System that generates unique student IDs. Any student included in a data collection must have a state-assigned student ID.

Roster verification process: The means by which teachers have the opportunity to review their roster(s) of students and either confirm that they are correct, or submit revisions.

SAML: Security Assertion Markup Language (authentication standard)

SASID: State Assigned Student ID In November 2002, CDE implemented a unique student identifier for all public P-12 school students. This system provides schools the ability to validate and/or generate student IDs when a student enrolls in a district. The SASID is attached and encrypted, and personal information is removed for student level data reported to CDE. Legislation enacted in 2006 required the higher education system to adopt the use of the student identifier for the purpose of sharing student data across the state's data systems. Legislation enacted in 2008 expanded the use of IDs by requiring the assignment of unique identifiers to students enrolled in publicly funded early childhood education programs.

SCEDS (School Codes for Exchange of Data): A course classification system developed with states by the National Center for Education Statistics (NCES) at the U.S. Department of Education.

SCCs: Standard Course Codes project contributes to the matching of educators and students, for the purposes of evaluating educator performance. (see TSDL project)

SEA (State Education Agency): The government administrative unit within each U.S. state responsible for providing information, resources, and technical assistance on educational matters to schools and residents.

Section 504: Students with disabilities who are receiving reasonable accommodations through Section 504 of the Rehabilitation Act.

SESC: SLDS Executive Steering Committee

SIS: Student Information System

SLA: Service Level Agreement - An agreement negotiated between IT and business units that define the types of services and level of service that will be provided for each IT service offering. Each SLA will normally be negotiated by IT service managers with the appropriate business representation, and is ultimately approved by the SESC.

SLDS: State-wide Longitudinal Data System

SME: Subject Matter Expert

Special Education, Part B of IDEA (Section 619): A specially designed instruction provided to preschool children ages 3-5 with disabilities as defined in IDEA.

Static Reports: Pre-defined analyses using SLDS data that are created for a specific type of user role (e.g., state administrator, district superintendent, teacher). They may have limited parameter setting, filtering, and drilldown functionality, but users do not have the ability to create their own reports.

SRE (Student Record Exchange): A system and process for exchanging electronic versions of students' academic records among education agencies to facilitate the registration, course placement, and provision of services when students transfer.

Summative assessment: An assessment usually given one time at the end of a unit of time (such as a semester or school year) to evaluate students' performance against a defined set of content standards.

Training: Continuing education to advance specific skills or expertise related to a particular profession. Also referred to as 'professional development'.

TSDL: Teacher Student Data Link project is developing a common, best practice framework for an educator of record definition, as well as business processes for collecting and validating linked teacher and student data.

Unique ID: A numeric code assigned to an individual or entity by a data system that is not shared by any other individual or entity throughout the system.

Usage metrics: Data that track how much and how a system is used, and by whom.