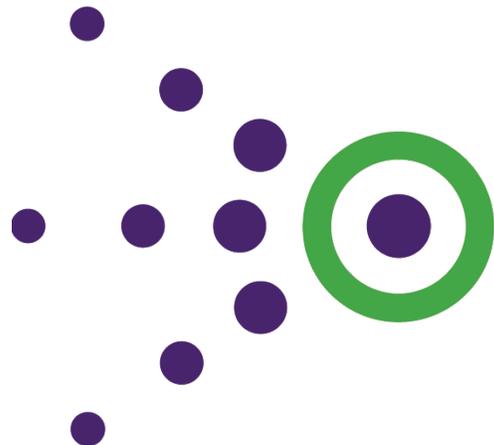


# Common Education Data Standards (CEDS) Version 2 Data Model Guide

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*January 2012*



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## INTRODUCTION

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CEDS Version 2 includes a broad scope of elements spanning much of the P-20 spectrum and provides greater context for understanding the standards' interrelationships and practical utility. Specifically, Version 2 of CEDS focuses on elements and modeling in the Early Learning, K12, and Postsecondary sectors and includes domains, entities, elements, options sets, and related use cases.

Version 2 of CEDS can be found at the CEDS website: (<http://ceds.ed.gov>).

The CEDS "standards" are comprised of several pieces of information that provide context for and describe data items within CEDS:

- Domain
- Entity
- Element
- Option Set
- Related Use Cases
- Alternative names and other notes

The CEDS website includes three ways to view and interact with CEDS:

1. By Element — Via the CEDS elements page, users can access a searchable catalog of the CEDS "vocabulary";
2. By Relationship — Through the CEDS Data Model, users can explore the relationships that exist among entities and elements;
3. By Comparison — The CEDS Alignment Tool allows users to load their organization's data dictionary and compare it, in detail, to CEDS and the data dictionaries of other users.

# THIS DOCUMENT

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This document is a printable representation of the CEDS (v2) Data Model as published on the CEDS website.

The CEDS Data Modeling group leveraged the process developed for the Council of Chief State School Officers (CCSSO), a CEDS Consortium Member, to first map the CEDS elements into a hierarchical schema of non-technical domains and entities and subsequently to create a fully-normalized logical model.

## **The Domain Entity Schema (DES)**

The DES provides a user friendly structure easily identify elements organized by domain, entity and attribute category. The domains for CEDS version 2 include:

- Early Learning (abbreviated as EL)
- Elementary and Secondary Education (abbreviated as K12)
- Postsecondary Education (abbreviated as PS)
- Assessments
- Learning Standards

Later releases of CEDS will expand the domains and add additional elements and content within the current domains.

Entities are commonly thought of as persons, places, events, objects, or concepts about which data can be collected. An entity provides context for a data element. Some examples of entities are Early Learning Child, K12 Student, K12 Staff, Postsecondary Student, Postsecondary Institution, etc. There are over 20 entities in the DES.

Attribute categories represent a group of related attributes associated with one or more entities. Some examples are Demographic Information, Health Information, Section Enrollment, and Academic Record, just to name a few.

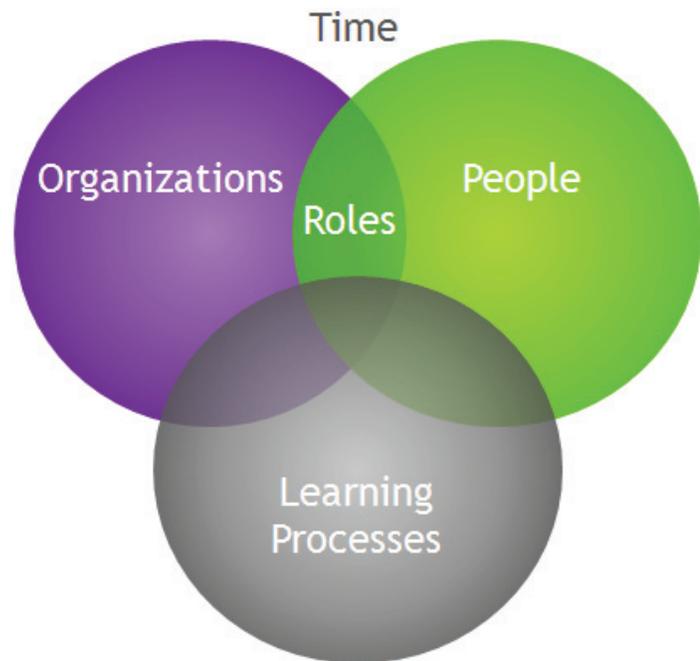
## **The Normalized Data Schema (NDS)**

CEDS supports standardizing educational organizations and their relationships with other organizations, people, and time. This focus is necessary to support existing state and federal reporting and for analysis and comparison of aggregate statistics. The latest release of CEDS also focuses on use cases that support people's relationship with learning processes — the inputs, process steps (work), and outputs of learning — beginning with learning standards and assessments.

The NDS is a 3rd normal form structure organized around the key concepts of organization, person, and role. The NDS was developed with the goal of supporting physical implementations that could function as an “operational data store” for integrated P-20 data providing the most current available view of each organization, person, and role.

The NDS starts with a flexible directory of organizations that can, at times, have multiple parent-child relationships with each other. People exist independently, but they don’t have roles outside of their relationship to a specific organization for a specific date range.

Each person shares common attributes, or data points, that allow us to represent all levels as ‘Persons.’ Each Person has one or more ‘roles.’ Roles are a time-aware association between a Person and an Organization.



## KEY TERMS

<b>American Association of Community Colleges (AACC)</b>	The AACC is the national association for community and junior colleges; it has over 1000 member institutions.
<b>American Recovery and Reinvestment Act of 2009 (ARRA)</b>	ARRA was signed into law in February, 2009 as a direct response to the economic crisis. The three immediate goals of the Act are to: (1) create new jobs and save existing ones, (2) spur economic activity and invest in long-term growth, and (3) foster unprecedented levels of accountability and transparency in government spending.
<b>Assessment Administration</b>	Information related to a specific instance of delivering an assessment to a specific person during a specific time period. (The assessment administration may be done individually or as part of a group, in a physical or virtual setting.)
<b>Assessment Family</b>	A set of assessments with a common name, jurisdiction, or focus. (e.g. SAT, GRE, NAEP)
<b>Assessment Form</b>	An instance of an assessment that can equate scores with another instance of that same assessment.
<b>Assessment Form Sub Test (Scoring Rule)</b>	Information about scoring based on a defined set of assessment item responses with explicit rules to produce a subtest score, which may be for the entire assessment or one aspect of evaluation.
<b>Assessment Instrument</b>	An instrument used to evaluate a person with at least one form, section, and Assessment Item. (A summative assessment typically addresses a particular level, subject, and date range. A person's individual responses during the summative assessment administration are evaluated then the results are scored using one or more Assessment Sub Test Scoring Rules.)
<b>Assessment Item</b>	A specific prompt, that defines a question or protocol for a measurable activity that triggers a response from a person used to determine whether the person has mastered a learning objective.
<b>Assessment Item Response</b>	Information related to the a specific response to an assessment item by the person being assessed. The entity includes the response, a score or indication that the response was correct or incorrect and other information such as response time.
<b>Assessment Registration</b>	Information related to a specific person associated with a specific assessment form used over one or more assessment administrations.
<b>Assessment Section</b>	A set of assessment items within an assessment form that contains information about administration, such as sequence, and may have content shared between multiple items such as directions for the section.
<b>Assessment Sub Test Score</b>	A score evaluating a person's results from an assessment, which may be for the entire assessment or a Sub Test, calculated using a specific Score Metric and one or more assessment item responses. The entity includes the score value and information about the score, such as a diagnostic statement.
<b>Assessments (CEDS Domain)</b>	The data domain that includes entities and elements to support design, administration, and scoring/evaluating the results of assessments used to measure one or more persons mastery of one or more learning objectives.
<b>Association for Institutional Research (AIR)</b>	AIR is the primary organization for institutional researchers in higher and postsecondary education. AIR is dedicated to professional growth of all who participate in decision making related to higher education via management research, policy analysis and planning.

<b>Association of Public and Land-Grant Universities (APLU)</b>	The Association of Public and Land-grant Universities is a non-profit association of public research universities, land-grant institutions, and state university systems with member campuses in all 50 states, U.S. territories and the District of Columbia. The association is governed by a Chair and a Board of Directors elected from the member universities and university systems.
<b>Attribute</b>	An element that is associated with a particular entity. Attribute is used interchangeably by some to mean Element.
<b>Attribute Category</b>	A group of related attributes associated with one or more entities.
<b>Cardinality</b>	The number of unique values for a given element in a logical data model or for a given column in a physical database table. Low cardinality refers to a limited number of values, relative to the overall number of rows in the physical database table.
<b>CEDS Consortium</b>	The CEDS Consortium participates in the development of the standards and is responsible for advocacy, communication, adoption and implementation of the standards. The Consortium is comprised of representatives from the following: <ul style="list-style-type: none"> <li>• Council of Chief State School Officers (CCSSO)</li> <li>• State Higher Education Executive Officers (SHEEO)</li> <li>• Data Quality Campaign (DQC)</li> <li>• Data Quality Campaign (DQC)</li> <li>• Schools Interoperability Framework Association (SIF)</li> <li>• Postsecondary Electronic Standards Council (PESC)</li> <li>• The Bill &amp; Melinda Gates Foundation</li> <li>• USED (Ex officio)</li> </ul>
<b>Civil Rights Data Collection (CRDC)</b>	The U.S. Department of Education conducts the Civil Rights Data Collection (CRDC), formerly the Elementary and Secondary School Survey (E&S), to collect data on key education and civil rights issues in our nation's public schools for use by the Department of Education's Office for Civil Rights (OCR) in its enforcement and monitoring efforts, by other Department offices, and by policymakers and researchers outside of the Department. The CRDC collects information about students in public schools, including enrollment, educational services, and academic proficiency results, disaggregated by race/ethnicity, sex, limited English proficiency and disability. The CRDC (or its predecessor, the E&S) has been collected biennially directly from school districts since 1968.
<b>Code (CEDS naming conventions)</b>	The representation term "Code" is used in the name of CEDS elements with alpha-numeric string values having "encoded meaning" or as an abbreviated reference to something else. ("Code" is sometimes used instead of "Identifier" for values used to uniquely identify an entity. However, "Identifier" is the preferred term when the value has no encoded meaning.)
<b>Code Set</b>	The list of codes in an option set defining the limited set of value options allowed for a data element. The code set contains numeric or alphanumeric "codes" without spaces or special characters for machine readability. CEDS option sets provide a list of codes (code set) and corresponding human readable descriptions/definitions. Code Set and Option Set are used interchangeably by some education agency IT professionals.

<b>Common Education Data Standards (CEDS)</b>	CEDS is a national collaborative effort to develop voluntary, common data standards for a key set of K-12 and postsecondary variables (e.g., demographics, program participation, transition and course information).
<b>Complete College America (CCA)</b>	CCA is a national nonprofit working to significantly increase the number of Americans with a college degree or credential of value and to close attainment gaps for traditionally underrepresented populations.
<b>Conceptual Data Model</b>	A representation of the major information, entities, and relationships that exist in the world, without attributes and with relationships shown as “one-to-one” only.
<b>Council of Chief State School Officers (CCSSO)</b>	The Council of Chief State School Officers is a nonpartisan, nationwide, nonprofit organization of public officials who head departments of elementary and secondary education in the states, the District of Columbia, the Department of Defense Education Activity, and five U.S. extra-state jurisdictions. CCSSO provides leadership, advocacy, and technical assistance on major educational issues.
<b>Data Code</b>	A set of numbers or letters to used to represent a data element or item in an option set.
<b>Data Dictionary</b>	An unduplicated list of items, fields, facts, measures, and values with standard definitions and metadata constitute the core elements of the enterprise Data Dictionary.
<b>Data Element (Element)</b>	An atomic unit of data that has precise meaning or precise semantics that can be defined and measured.
<b>Data Model</b>	A conceptual, logical, or physical representation of the data elements, entities, and relationships. (Note: CEDS V2 includes conceptual and logical data models, but not a physical data model.)
<b>Data Quality Campaign (DQC)</b>	The DQC is a national, collaborative effort to encourage and support state policymakers to improve the availability and use of high-quality education data to improve student achievement.
<b>Data Schema</b>	A diagram, outline, or data model used to illustrate the pattern or structure of information.
<b>Data Standard</b>	A data standard refers to a commonly agreed upon set of definitions and options for a given selection of data elements, data entities, and relationships. For example, the Common Education Data Standards (CEDS) includes a list of data elements (each with a single common definition), option set (if applicable), and data model showing context and relationships.
<b>Denormalization</b>	A method of designing a data structure to allow redundancy so that a data table can remain flat to optimize performance.
<b>Description (CEDS naming conventions)</b>	The property term "Description" is used in a naming CEDS element that contains open-ended text describing the entity. ("Description" is not used for elements with an option set. "Type" is used for elements with an option set used to classify or categorize.)
<b>Domain</b>	The management level at which the data are maintained. Domains also correspond with the sector(s) of the P-20 system in which entities exist. CEDS Version 2 (v2) contains five domains: : Early Learning, K12, Postsecondary, Assessments, Learning Standards.
<b>Early Childhood Data Collaborative (ECDC)</b>	The Early Childhood Data Collaborative supports state policymakers’ development and use of coordinated state early care and education (ECE) data systems to improve the quality of ECE programs and the workforce, increase access to high-quality ECE programs, and ultimately improve child outcomes. The ECDC will provide tools and resources to encourage state policy change and provide a national forum to support the development and use of coordinated state ECE data systems. The ECDC is supported through funding from the Birth to Five Policy Alliance, The Pew Charitable Trusts, and The David and Lucile Packard Foundation.

<b>Early Learning Child (EL Child)</b>	A person for whom instruction, services and/or care are provided in an early childhood program under the jurisdiction of a school, education agency, or other institution or program.
<b>Early Learning Family (EL Family)</b>	All persons: (i) Living in the same household who are: (A) Supported by the income of the parent(s) or guardian(s) of the child enrolling or participating in the program; or (B) Related to the child by blood, marriage, or adoption; or (ii) Related to the child enrolling or participating in the program as parents or siblings, by blood, marriage, or adoption (federal definition).
<b>Early Learning Organization (EL Organization )</b>	An institution that provides early learning services; this can be a grantee with delegates at various locations, possibly in one or more buildings; has an assigned administrator(s).
<b>Early Learning Staff (EL Staff)</b>	A person who performs specified activities for any public or private education institution, agency, or household that provides instructional and/or support services to students or staff at the early childhood level through high school completion.
<b>EDFacts (EDFacts)</b>	EDFacts is a 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. EDFacts centralizes performance data supplied by K-12 state education agencies (SEAs) with other data assets, such as financial grant information, within the Department to enable better analysis and use in policy development, planning and management. EDFacts relies on the Education Data Exchange Network (EDEN), a centralized portal through which states submit their educational data to the U.S. Department of Education.
<b>Ed-Fi (EdFi)</b>	Ed-Fi is an XML-based data specification combined with a free tool suite developed by the Michael & Susan Dell Foundation to improve student achievement in the K-12 education sector. Ed-Fi extracts student information from a variety of educational systems, and then standardizes, integrates and communicates it to educators and other parties through Web-based dashboards, reports and other applications.
<b>Education Data Exchange Network (EDEN)</b>	EDEN is a centralized portal through which states submit their educational data to the U.S. Department of Education. EDEN is comprised of three main components: (1) the EDEN submission system (ESS), an electronic data system capable of receiving data on over 100 data groups at the state, district and local levels; (2) the EDEN Survey Tool (EST), which collects data supplementary to the ESS data; and (3) the EDEN staging database, a holding area for newly submitted data. (Also see: EdFacts)
<b>Element Description</b>	A written representation of a data element, a unit of data that can be defined and measured.

<b>Element Type</b>	<p>A description of the form or qualities (i.e., the “type”) that the data element contains. Data element “types” include:</p> <ul style="list-style-type: none"> <li>• Alpha/Numeric (AN): A data element for which any letter or number (or combination of letters and numbers) is appropriate. Generally, this data element type is used when no standard options set exists, or where descriptive information is desired.</li> <li>• Date (DT): A data element type that is specifically defined as a date. Generally, the format is specified for the standard, e.g. MMDDYYYY (field length = 8), although this may vary when implementing the standard in a specific database.</li> <li>• Floating Decimal (R): A data element type in which a decimal must be included in the numeric value. If it does not appear, the number is assumed to be whole. Floating Decimal (R) values might, for example, appear as 4.1 (signifying four digits to the left of the decimal and one digit to the right of the decimal) or 3.2 (signifying three digits to the left of the decimal and two digits to the right of the decimal).</li> <li>• Identifier (ID): A data element defined by a code set of related options (see below).</li> <li>• Numeric (N): A data element that must be a numeric value. Decimals themselves are not included in the value [see Floating Decimal (R) above], although a decimal is implied in the right-most place to signify a whole number.</li> </ul>
<b>Entity</b>	Persons, places, events, objects, or concepts about which data can be collected. An entity provides context for a data element.
<b>Entity Terms (CEDS naming conventions)</b>	Entity terms are the part of CEDS element names that provide the context for an element. For example, in the data element names:
<b>Accountability Report Title</b>	Dental Insurance Coverage Type
<b>Advance Placement Credits Awarded the terms Accountability Report, Dental Insurance Coverage, and Advance Placement are entity terms.</b>	CEDS element names almost always contain at least one Entity term, along with Property and/or Representation terms as needed to represent the scope and context of the element. A rare exception is for the elements like “First Name,” “Last or Surname” and “Middle Name” with universally consistent application, where a decision has been made not to define separate element definitions by entity, e.g. “Student First Name” is not defined separately.
<b>Identifier (CEDS naming conventions)</b>	The representation term “Identifier” is used in the name of CEDS elements intended to uniquely identify an instance of an entity using a number or string of characters.
<b>Indicator</b>	Education indicators are measured components of the education system used to monitor areas of interest. Together, a series of well-defined, well-collected indicators can provide a detailed account of a specific aspect of education, such as school crime and safety or early childhood learning for Head Start participants.
<b>Indicator (CEDS naming conventions)</b>	The representation term “Indicator” is used in CEDS element names for a metric or a proxy that is not expected to change, e.g. attributes of a person or organization.
<b>Integrated Postsecondary Education Data System (IPEDS)</b>	IPEDS is a system of interrelated surveys conducted annually by NCES. IPEDS surveys gather information from colleges, universities, and technical and vocational institutions that participate in federal student financial aid programs.

<b>Intermediate Educational Unit (IEU)</b>	An IEU is a regional entity responsible for providing public education, including special education and related services to children with disabilities. IEUs are established by State law and overseen by the State Education Agency.
<b>Interoperability</b>	Data Interoperability is a set of rules, definitions, and transport processes which enable different software systems to share information and work together.
<b>K12 District (District)</b>	(see LEA - Local Education Agency)
<b>K12 Incident (Incident)</b>	The occurrence of an infraction ranging from a minor problem behavior that disrupts the orderly functioning of a school or classroom (such as tardiness) to a criminal act that results in the involvement of a law enforcement official (such as robbery). A single event (e.g., a fight) is one incident regardless of how many perpetrators or victims are involved.
<b>K12 Parent</b>	A person having parental or legal guardianship responsibility for a K12 Student.
<b>K12 School (School)</b>	An institution that provides educational services; has one or more grade groups (PK through 12); has one or more teachers; is located in one or more buildings; has an assigned administrator(s).
<b>K12 Section</b>	A setting in which organized instruction of course content is provided to one or more students (including cross-age groupings) for a given period of time. (A course may be offered to more than one class/section.) Instruction, provided by one or more teachers or other staff members, may be delivered in person or via a different medium. Classes/Sections that share space should be considered as separate classes/sections if they function as separate units for more than 50 percent of the time.
<b>K12 Staff</b>	An individual who performs specified activities for any public or private education institution, agency, or household that provides instructional and/or support services to students or staff at the early childhood level through high school completion. For example, this includes: 1) an "employee" who performs services under the direction of the employing institution or agency, is compensated for such services by the employer, and is eligible for employee benefits and wage or salary tax withholdings; 2) a "contractor" or "consultant" who performs services for an agreed upon fee, or an employee of a management service contracted to work in the agency; 3) a "volunteer" who performs services on a voluntary and uncompensated basis; 4) an in kind service provider; or 5) an independent contractor or businessperson working in a school site.
<b>K12 State (K12 State)</b>	The agency of the state charged with primary responsibility for coordinating and supervising public instruction, including the setting of standards for elementary and secondary instruction programs.
<b>K12 Student</b>	A person for whom instruction, services and/or care are provided in an elementary or secondary educational program under the jurisdiction of a school, education agency, or other institution or program.
<b>Learning Standards (CEDS Domain)</b>	The data domain that includes entities and elements that define learner competencies established in learning standards documents, that may be adopted as expectations by education agencies, and may exist within the structure of a taxonomy or competency-based pathways.
<b>Learning Standards Document (Competency Document)</b>	A collection of learning standard items, typically arranged in a hierarchical structure or classification scheme, reflecting expectations of learner competencies within a single subject area covering one or more levels. (examples: Head Start Child Outcomes Framework, Common Core State Standards for Mathematics, Accountability Criteria for National Health Care Cluster Foundation Standards)

<b>Learning Standards Item (Competency Statement)</b>	Content that either describes a specific competency (learning objective) or describes a grouping of competencies within the taxonomy of a Learning Standards Document.
<b>Local Education Agency (LEA)</b>	An administrative unit within K-12 education at the local level which exists primarily to operate schools or to contract for educational services. These units may or may not be co-extensive with county, city, or town boundaries.
<b>Logical Data Model</b>	Based on the information, entities, and relationships in the conceptual data model, this is a system-agnostic representation that contains attributes, shows cardinality, and uses the commonly-used names for all entities.
<b>Michael and Susan Dell Foundation (Dell Foundation)</b>	Since 1999 the Michael and Susan Dell Foundation has given over \$460 million to education, two-thirds of total giving. The Foundation is committed to improving student performance and increasing access to education so that children and adolescents everywhere have the opportunity for life-long success.
<b>Name (CEDS naming conventions)</b>	The property term "Name" is used in a CEDS element name when the element represents the proper name of a person, legal entity, place, program, organization, or institution.
<b>National Association of Independent Colleges and Universities (NAICU)</b>	The National Association of Independent Colleges and Universities (NAICU) serves as the unified national voice of independent higher education. Since 1976, the association has represented more than 1,000 private colleges and universities, traditional liberal arts colleges, major research universities, church- and faith-related institutions, historically black colleges and universities, women's colleges, performing and visual arts institutions, two-year colleges, and schools of law, medicine, engineering, business, and other professions on policy issues with the federal government, such as those affecting student aid, taxation, and government regulation. NAICU is committed to celebrating and protecting this diversity of the nation's private colleges and universities.
<b>National Center for Education Statistics (NCES)</b>	The National Center for Education Statistics (NCES) is the primary federal entity for collecting and analyzing data related to education.
<b>National Education Data Model (NEDM)</b>	The National Education Data Model is a conceptual but detailed representation of the education information domain. It was designed for use by educators, vendors, and researchers to understand the information required for teaching, learning, and administrative systems.
<b>National Forum on Education Statistics (Forum)</b>	The Forum is a voluntary, democratic, participative, and cooperative federal-state-local body with a mission to develop and recommend strategies for building an education data system that will support local, state, and national efforts to improve public and private education throughout the United States.
<b>National Governors Association (NGA)</b>	Founded in 1908, the National Governors Association is the collective voice of the nation's governors and one of Washington, D.C.'s most respected public policy organizations. Its members are the governors of the 50 states, three territories and two commonwealths.

<b>NCES Handbooks</b>	The NCES Handbooks are an online resource for standard education terms, definitions and classification codes. Common terms used in the Handbooks are as follows: Data Element - The name of a unit of data that can be defined and measured. Each data element has been assigned a unique "data element number" consisting of four digits. The numbers do not carry any additional meaning. The data elements have been assigned these numbers for identification purposes. Entity - A person, place, event, object or concept about which data can be collected. For example, the data element "Last/Surname" could be collected to describe a student's emergency contact, a teacher, or a health care provider, thus putting the data element into a context. A listing of entities and their definitions is included with the Handbooks. Option - An option is a recommended alternative or response for a data element. Options are listed in alphabetical order, and have assigned code numbers. For example, "Female" and "Male" are options under the data element "Sex". Options presented are generally illustrative, not mandatory.
<b>Normalization</b>	A method of designing a data structure so that that duplicate and redundant data is avoided.
<b>Option</b>	Options are recommended alternatives or responses for a data element. For example, "Female" and "Male" are options under the data element "Sex". Options are presented in CEDS within an option set with a machine readable code and human readable description/definition. Options presented in CEDS are generally illustrative of possible values across the identified use cases. In some cases, a subset of options might be sufficient when designing a data system or data collection instrument. The granularity of options in CEDS provide a balance between specificity and manageability. For example an option for Exit Type is "Withdrawn due to illness". CEDS does not have separate options that capture the type of illness. However, an education agency may use multiple options that could map into the less granular CEDS option.
<b>Option Set</b>	The list of machine readable codes and human readable labels and/or definitions that specify the limited set of value options allowed for a data element. Code Set and Option Set are used interchangeably by some education agency IT professionals.
<b>Person (CEDS naming conventions)</b>	"Person" is used as a property term in the name of CEDS elements and in element definitions, rather than "individual".
<b>Physical Data Model</b>	Based on the logical data model, this is focused on implementing the data structure in a particular database environment (Oracle, MySQL, etc.). A physical model addresses the indexing, performance optimization, and normalization or denormalization appropriate for the application. CEDS does not have a physical data model.
<b>Postsecondary Assessment (PS Assessment)</b>	A screening, evaluation or other test relevant to the postsecondary sector.
<b>Postsecondary Campus (PS Campus)</b>	A site of an institution of higher education that offers courses in educational programs leading to a degree, certificate, or other recognized educational credential.
<b>Postsecondary Defined Program (PS Defined Program)</b>	A combination of courses and related activities offered by a postsecondary institution, that has a defined length and charges tuition by program rather than by academic term (e.g., a 4 month medical billing program); a program categorized as a "program tuition reporter" by IPEDS.

<b>Postsecondary Electronic Standards Council (PESC)</b>	PESC is a non-profit association committed to enabling cost-effective connectivity between data systems. Members include colleges and universities; college and university systems; professional and commercial organizations; data, software and service providers; non-profit organizations and associations; and state and federal government agencies.
<b>Postsecondary Institution (PS Institution)</b>	An organization that provides educational programs for individuals who have completed or otherwise left educational programs in secondary school(s). POSTSECONDARY EDUCATIONAL INSTITUTION.—The term ‘postsecondary educational institution’ means— (A) an institution of higher education that provides not less than a 2-year program of instruction that is acceptable for credit toward a bachelor’s degree; (B) a tribally controlled college or university; or (C) a nonprofit educational institution offering certificate or apprenticeship programs at the postsecondary level.
<b>Postsecondary School (PS School)</b>	An educational entity within a postsecondary institution that focuses on one academic sector (e.g. school of art, school of business)
<b>Postsecondary Section (PS Section)</b>	A postsecondary instructional course in a particular field of study that typically involves a prescribed number or instruction periods or meetings for enrolled students
<b>Postsecondary Staff (PS Staff)</b>	A person employed by a postsecondary institution.
<b>Postsecondary Student (PS Student)</b>	An individual who is a prospect, applicant, admitted student, enrolled student or alum of a postsecondary institution.
<b>Postsecondary Teacher Preparation Program (PS Teacher Program)</b>	A postsecondary program (combination of courses and related activities) organized for the preparation and education of early childhood and K12 teachers.
<b>Property Term (CEDS naming conventions)</b>	A property term is the part of a CEDS element name that describes an attribute common to all members of an entity. For example all persons have a date of birth. In the data element names: <ul style="list-style-type: none"> <li>• Person Middle Name</li> <li>• Accountability Report Title</li> <li>• Dental Insurance Coverage Type</li> <li>• Advance Placement Credits Awarded the terms Name, Title, and Credits Awarded are property terms.</li> </ul> In this list three of the element names have Entity – Property structure, one Dental Insurance Coverage Type has Entity – Representation structure (CEDS element names are made up of Entity, Qualifier, Property, and Representation terms.)
<b>PS Program (PS Program)</b>	A combination of courses and related activities at the postsecondary level organized for the attainment of broad educational objectives as described by the postsecondary institution

<b>Qualifier (CEDS naming conventions)</b>	<p>A Qualifier is a component of a CEDS element name that may be used to make it clear the element is for a specific domain, for example, in "Postsecondary Enrollment Type", "postsecondary" is the qualifier that makes it clear that this enrollment type element is defined for use in the postsecondary domain, that its options set may not be compatible with K-12 uses.</p> <p>Another use of a qualifier term is to indicate a scope of a metric, such as in the data element name:</p> <ul style="list-style-type: none"> <li>• "Cost Budget Period Total Amount"the term "Budget Period" is a qualifier term.</li> </ul> <p>Qualifier terms may appear before or after an entity term as appropriate to convey meaning. (CEDS element names are made up of Entity, Qualifier, Property, and Representation terms.)</p>
<b>Race to the Top Fund (RTTT)</b>	<p>RTTT is a competitive grant program designed to encourage and reward States that are creating the conditions for education innovation and reform; achieving significant improvement in student outcomes, including making substantial gains in student achievement, closing achievement gaps, improving high school graduation rates, and ensuring student preparation for success in college and careers; and implementing ambitious plans in four core education reform areas:</p> <ul style="list-style-type: none"> <li>• Adopting standards and assessments that prepare students to succeed in college and the workplace and to compete in the global economy;</li> <li>• Building data systems that measure student growth and success, and inform teachers and principals about how they can improve instruction;</li> <li>• Recruiting, developing, rewarding, and retaining effective teachers and principals, especially where they are needed most; and</li> <li>• Turning around our lowest-achieving schools.</li> </ul>
<b>Representation Terms (CEDS naming conventions)</b>	<p>Representation terms are the part of the CEDS element name that describes the form of representation for a data element. For example:</p> <ul style="list-style-type: none"> <li>• "Indicator"</li> <li>• "Status"</li> <li>• "Identifier"</li> <li>• "Description"</li> <li>• "Type"</li> </ul> <p>The CEDS naming conventions define the use of these terms based on characteristics of a data element being named. (CEDS element names are made up of Entity, Qualifier, Property, and Representation terms.)</p>
<b>School</b>	(see K12 School or PS School)
<b>School Interoperability Framework (SIF)</b>	<p>The School Interoperability Framework is a set of platform-independent, vendor-neutral rules and definitions published by the SIF Association which enable software programs from different companies, primary and secondary education markets, to share information.</p>

<b>School Interoperability Framework Association (SIFA)</b>	The SIF Association is a non-profit organization working to create a set of platform-independent, vendor-neutral rules and definitions which enable software programs from different companies to share information. SIF Association membership includes software vendors, school districts, state departments of education, and other organizations active in primary and secondary (PK-12) markets.
<b>State (State)</b>	A state government including its State Education Agency (SEA) and any other state education agencies or governing boards.
<b>State Education Agency (SEA)</b>	The SEA is the state-level entity primarily responsible for the supervision of the state's public elementary and secondary schools.
<b>State Fiscal Stabilization Fund (SFSF)</b>	SFSF is a one-time appropriation under the American Recovery and Reinvestment Act of 2009 (ARRA). Of the amount appropriated, the U. S. Department of Education will award governors approximately \$48.6 billion by formula under the SFSF program in exchange for a commitment to advance essential education reforms to benefit students from early learning through postsecondary education, including: college- and career- ready standards and high-quality, valid and reliable assessments for all students; development and use of pre-K through postsecondary and career data systems; increasing teacher effectiveness and ensuring an equitable distribution of qualified teachers; and turning around the lowest-performing schools.
<b>State Higher Education Executive Officers (SHEEO)</b>	SHEEO is a nonprofit, nationwide association of the chief executive officers serving statewide coordinating boards and governing boards of postsecondary education. SHEEO works to develop and sustain excellent systems of higher education.
<b>Statewide Longitudinal Data System (SLDS)</b>	Statewide Longitudinal Data Systems (in education) are unit-level data systems designed to collect, report, and analyze education data over time. Most often the term is used for systems managed by a state education agency (SEA) and use data warehouse technology. Often the system has been funded under the federal Statewide Longitudinal Data Systems Grant Program.
<b>Statewide Longitudinal Data Systems Grant Program (SLDS)</b>	The SLDS Grants Program was authorized by the Educational Technical Assistance Act of 2002, Title II of the statute that created the Institute of Education Sciences (IES). The program is designed to aid state education agencies in developing and implementing longitudinal data systems. (See also: Statewide Longitudinal Data System)
<b>Status (CEDS naming conventions)</b>	The representation term "Status" is used in the name of CEDS elements that represent a condition or circumstance subject to change, or a step in a process.
<b>Student (Student)</b>	(see Early Learning Child, K12 Student, and Postsecondary Student)
<b>Title (CEDS naming conventions)</b>	The property term "Title" is used in a CEDS element name for elements to label things or ideas such as materials, resources, reports, awards, activities, and courses.
<b>Transformation Rules</b>	Rules associated with making source data compliant with the data integrity of a target system.
<b>Type (CEDS naming conventions)</b>	The property term "Type" is used in a naming CEDS element that uses an option set used to classify or categorize.

<b>U. S. Department of Labor (DOL)</b>	The mission of the U. S. Department of Labor is to foster, promote, and develop the welfare of the wage earners, job seekers, and retirees of the United States; improve working conditions; advance opportunities for profitable employment; and assure work-related benefits and rights. The Department of Labor has partnered with the U. S. Department of Education to connect DOL’s Workforce Data Quality Initiative (WDQI) to ED’s Statewide Longitudinal Data Systems (SLDS) longitudinal data systems. The initiative works to develop linkages between education and employment, eventually using the data to analyze the performance of education and training programs and providing user-friendly information to consumers to help them select the training and education programs.
<b>U.S. Department of Education (USED / ED)</b>	The United States Department of Education was created in 1980 by combining offices from several federal agencies. Its mission is to promote student achievement and preparation for global competitiveness by fostering educational excellence and ensuring equal access. The Department’s 4,200 employees and \$63.7 billion budget are dedicated to: <ul style="list-style-type: none"> <li>• Establishing policies on federal financial aid for education, and distributing as well as monitoring those funds.</li> <li>• Collecting data on America's schools and disseminating research.</li> <li>• Focusing national attention on key educational issues.</li> <li>• Prohibiting discrimination and ensuring equal access to education.</li> </ul>
<b>U.S. Department of Health and Human Services (HHS)</b>	The Department of Health and Human Services (HHS) is the United States government’s principal agency for protecting the health of all Americans and providing essential human services, especially for those who are least able to help themselves. Included in its 300 programs is Head Start, which was established in 1965 to promote school readiness and provide a comprehensive array of health, nutritional and social services to eligible four and five year old preschoolers and their families. The program has enrolled more than 25 million children since its inception. The Early Head Start program was established in 1995 for children from birth to three years of age and pregnant women in recognition of scientific evidence that a child’s earliest years are extremely important to healthy development.
<b>Workforce Employee</b>	An individual who performs services under the direction of the employing institution or agency, is compensated for such services by the employer, and is eligible for employee benefits and wage or salary tax withholdings.
<b>Workforce Employer</b>	A covered establishment, Federal agency, or individual who employs members of the workforce.
<b>Workforce Program</b>	A program that provides services and training related to workforce development or provides unemployment insurance benefits for workforce employees

# CEDS DOMAIN ENTITY SCHEMA

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## Domain Entity Schema (DES) Structure

The DES provides a user-friendly structure for stakeholders from each domain to easily identify elements they are interested in sorted by entity and attribute category.

Domain	Entity
EL	EL Child
EL	EL Family
EL	EL Staff
EL	EL Organization
EL	Parent/Guardian

Domain	Entity
K12	K12 School
K12	Local Education Agency
K12	State Education Agency
K12	K12 Student
K12	K12 Staff
K12	K12 Section
K12	K-12 Course
K12	Assessment
K12	Program
K12	Incident
K12	Calendar
K12	Parent/Guardian

Domain	Entity
PS	PS Institution
PS	PS Student
PS	PS Section

Domain	Entity
Assessments	Assessment
Assessments	Assessment Administration
Assessments	Assessment Form
Assessments	Assessment Item
Assessments	Assessment Item Response
Assessments	Student Assessment Registration
Assessments	Assessment Subtest Score

Domain	Entity
Learning Standards	Learning Standards Document
Learning Standards	Learning Standards Item

1. The DES is a hierarchy of domains, entities, attribute categories, and attributes.
2. It is used primarily by people as an index to search, map, and organize elements.
3. It contains strong constraints specific to the sub-type.
4. The DES contains both granular and some derived/aggregated attributes.
5. The DES provides a framework for a more “flat” “star schema” focused on facts of people and organization as of specific dates.

## Domains

Domains provide a common perspective for stakeholders with differing backgrounds and interests to approach the model. Domains describe the various entities, their attributes, roles and relationships, plus the constraints that govern the integrity of the model elements comprising that problem domain.

Domain	Abbreviation	Recommended definition
Early Learning	EL	The stage in human development from birth through the early school years (often defined as birth to age 8), during which significant social, emotional, cognitive, language, psychological, and physical development occurs.
Elementary and Secondary	K12	The provision of a formal instructional program whose curriculum is designed primarily for students who have entered kindergarten through those who have exited high school.
Postsecondary	PS	The provision of a formal instructional program whose curriculum is designed primarily for students who are beyond the compulsory age for high school. This includes programs whose purpose is academic, vocational, and continuing professional education, and excludes avocational and adult basic education programs. (IPEDS)
Assessment		The domain that includes entities and elements to support design, administration, and scoring/evaluating the results of assessments used to measure one or more persons' mastery of one or more learning objects.
Learning Standards		The data domain that includes entities and elements that define learner competencies established in learning standards documents, that may be adopted as expectations by education agencies, and may exist within the structure of a taxonomy or competency-based pathways.

## Entities

Entities are persons, places, events, objects, or concepts about which data can be collected. An entity provides context for a data element.

Domain	Entity	Recommended definition
EL	EL Child	<b>Individual for whom instruction, services and/or care are provided in an early childhood program under the jurisdiction of a school, education agency, or other institution or program.</b>
EL	EL Family	<b>All persons: (i) Living in the same household who are: (A) Supported by the income of the parent(s) or guardian(s) of the child enrolling or participating in the program; or (B) Related to the child by blood, marriage, or adoption; or (ii) Related to the child enrolling or participating in the program as parents or siblings, by blood, marriage, or adoption.</b>
EL	Parent/Guardian	<b>A person having parental or legal guardianship responsibility for a learner.</b>
EL	EL Staff	<b>A person who performs specified activities for any public or private education institution, agency, or household that provides instructional and/or support services to students or staff at the early childhood level through high school completion.</b>
EL	EL Organization	<b>An institution that provides early learning services; this can be a grantee with delegates at various locations, possibly in one or more buildings; has an assigned administrator(s).</b>
K12	K12 Student	<b>A person for whom instruction, services and/or care are provided in an elementary or secondary educational program under the jurisdiction of a school, education agency, or other institution or program.</b>

Domain	Entity	Recommended definition
K12	Incident	The occurrence of an infraction ranging from a minor problem behavior that disrupts the orderly functioning of a school or classroom (such as tardiness) to a criminal act that results in the involvement of a law enforcement official (such as robbery). A single event (e.g., a fight) is one incident regardless of how many perpetrators or victims are involved.
K12	Parent/Guardian	A person having parental or legal guardianship responsibility for a learner.
K12	K12 Staff	An individual who performs specified activities for any public or private education institution, agency, or household that provides instructional and/or support services to students or staff at the early childhood level through high school completion.
K12	K12 Section	A setting in which organized instruction of course content is provided to one or more students (including cross-age groupings) for a given period of time. (A course may be offered to more than one class/section.) Instruction, provided by one or more teachers or other staff members, may be delivered in person or via a different medium. Classes/Sections that share space should be considered as separate classes/sections if they function as separate units for more than 50 percent of the time.
K12	K12 Course	The organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis, usually for a predetermined period of time (e.g., a semester or two-week workshop) to an individual or group of students (e.g., a class).
K12	Program	A program is a set (plan) of activities and procedures designed to accomplish a predetermined objective or set of objectives.
K12	Calendar	A set of dates associated with an organization.
K12	K12 School	An institution that provides educational services; has one or more grade groups (PK through 12); has one or more teachers; is located in one or more buildings; has an assigned administrator(s).
K12	Local Education Agency (LEA)	An administrative unit within K-12 education at the local level which exists primarily to operate schools or to contract for educational services. These units may or may not be co-extensive with county, city, or town boundaries.
K12	State Education Agency (SEA)	The SEA is the state-level entity primarily responsible for the supervision of the state's public elementary and secondary schools.
K12	Assessment	An instrument used to evaluate a person with at least one form, section, and Assessment Item. (A summative assessment typically addresses a particular level, subject, and date range. A person's individual responses during the summative assessment administration are evaluated then the results are scored using one or more Assessment Sub Test Scoring Rules.)
PS	PS Student	An individual who is a prospect, applicant, admitted student, enrolled student or alum of a postsecondary institution.
PS	PS Section	A postsecondary instructional course in a particular field of study that typically involves a prescribed number or instruction periods or meetings for enrolled students.
PS	PS Institution	An organization that provides educational programs for individuals who have completed or otherwise left educational programs in secondary school(s).

Domain	Entity	Recommended definition
Assessment	<b>Assessment</b>	An instrument used to evaluate a person with at least one form, section, and Assessment Item. (A summative assessment typically addresses a particular level, subject, and date range. A person's individual responses during the summative assessment administration are evaluated then the results are scored using one or more Assessment Sub Test Scoring Rules.)
Assessment	<b>Assessment Administration</b>	Information related to a specific instance of delivering an assessment to a specific person during a specific time period.
Assessment	<b>Assessment Form</b>	An instance of an assessment that can equate scores with another instance of that same assessment.
Assessment	<b>Assessment Item</b>	A specific prompt, that defines a question or protocol for a measurable activity that triggers a response from a person used to determine whether the person has mastered a learning objective.
Assessment	<b>Assessment Item Response</b>	Information related to the a specific response to an assessment item by the person being assessed. The entity includes the response, a score or indication that the response was correct or incorrect and other information such as response time.
Assessment	<b>Assessment Section</b>	A set of assessment items within an assessment form that contains information about administration, such as sequence, and may have content shared between multiple items such as directions for the section.
Assessment	<b>Learning Standards Item</b>	Content that either describes a specific competency (learning objective) or describes a grouping of competencies within the taxonomy of a Learning Standards Document.
Assessment	<b>Student Assessment Registration</b>	Information related to a specific person associated with a specific assessment form used over one or more assessment administrations.
Assessment	<b>Assessment Item Response</b>	Information related to the a specific response to an assessment item by the person being assessed. The entity includes the response, a score or indication that the response was correct or incorrect and other information such as response time.
Assessment	<b>Assessment Sub Test Score</b>	A score evaluating a person's results from and assessment which may be for the entire assessment or a Sub Test, calculated using a specific Score Metric and one or more assessment item responses. The entity includes the score value and information about the score, such as a diagnostic statement.

Domain	Entity	Recommended definition
Learning Standards	<b>Learning Standard Document</b>	<b>A collection of learning standard items, typically arranged in a hierarchical structure or classification scheme, reflecting expectations of learner competencies within a single subject area covering one or more levels. (examples: Head Start Child Outcomes Framework, Common Core State Standards for Mathematics, Accountability Criteria for National Health Care Cluster Foundation Standards)</b>
Learning Standards	<b>Learning Standards Item</b>	<b>Standards Item Content that either describes a specific competency (learning objective) or describes a grouping of competencies within the taxonomy of a Learning Standards Document.</b>

## Attribute Categories

Attribute categories are groups of related attributes associated with one or more entities. The following attribute categories are include in the CEDS Domain Entity Schema.

- Assessment (Instrument)
- Assessment Form
- Assessment Section
- Assessment Item
- Performance Level
- Health
- Assessment Administration
- Instance
- Assessment
- Accountability
- Directory
- Federal Funds
- Course
- Staff
- Assignment
- Credential
- Professional Development
- Academic Record
- Attendance
- CTE
- Demographic
- Enrollment
- Economically Disadvantaged
- Homeless
- Identity
- Accommodation
- Characteristic
- Contact
- Crisis
- Developmental Assessments
- Disability
- Discipline
- Education
- EL Educational Experiences
- EL Program Characteristics
- Event
- Family
- Family/Household Information
- General
- Institution - Site Level Characteristics
- Institution Characteristics
- Instruction
- Instrument
- Language
- Logistics
- Organization Information
- Period
- Program Specific Federal Report
- Programs and Services
- Psychometrics

- Immigrant
- Limited English Proficiency
- Migrant
- Neglected or Delinquent
- Program
- Special Education
- Title I
- Application
- Financial Aid
- K12 Transcript
- Response
- Safe and Drug Free Program
- Scoring Rules
- Session
- Staff Education/Training Information
- Sub Test

## DES Elements

The following tables show the Domain Entity Schema to the element level, grouped by Domain.

### EL Domain

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
EL Child	Identity	First Name	The full legal first name given to a person at birth, baptism, or through legal change.	000115
EL Child	Identity	Middle Name	A full legal middle name given to a person at birth, baptism, or through legal change.	000184
EL Child	Identity	Last or Surname	The full legal last name borne in common by members of a family.	000172
EL Child	Identity	Generation Code or Suffix	An appendage, if any, used to denote a person's generation in his family (e.g., Jr., Sr., III).	000121
EL Child	Demographic	Sex	The concept describing the biological traits that distinguish the males and females of a species.	000255
EL Child	Demographic	Birthdate	The year, month and day on which a person was born.	000033
EL Child	Demographic	American Indian or Alaska Native	A person having origins in any of the original peoples of North and South America (including Central America), and who maintains cultural identification through tribal affiliation or community attachment.	000016
EL Child	Demographic	Asian	A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent. This area includes, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.	000020
EL Child	Demographic	Black or African American	A person having origins in any of the black racial groups of Africa.	000034
EL Child	Demographic	Native Hawaiian or Other Pacific Islander	A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.	000192
EL Child	Demographic	White	A person having origins in any of the original peoples of Europe, Middle East, or North Africa.	000301
EL Child	Demographic	Hispanic or Latino Ethnicity	An indication that the person traces his or her origin or descent to Mexico, Puerto Rico, Cuba, Central and South America, and other Spanish cultures, regardless of race.	000144
EL Child	Demographic	Program Eligibility	Category under which the person is eligible for an early childhood program or service.	000304

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
EL Child	Demographic	Homelessness Status	Children and youth who lack a fixed, regular, and adequate nighttime residence. Homeless children and youth include: 1) children and youth who are sharing the housing of other persons due to loss of housing, economic hardship, or a similar reason; are living in motels, hotels, trailer parks, or camping grounds due to the lack of alternative adequate accommodations; are living in emergency or transitional shelters; are abandoned in hospitals; or are awaiting foster care placement; 2) children and youth who have a primary nighttime residence that is a public or private place not designed for or originally used as a regular sleeping accommodation for human beings; or 3) children and youths who are living in cars, parks, public spaces, abandoned buildings, substandard housing, bus or train stations, or similar settings. 4) migratory children who qualify as homeless because the children are living in circumstances described in the above. (See Section 103 of the McKinney Act for a more detailed description of this data element).	000149
EL Child	Contact	Address Type for Learner	The type of address listed for a learner.	000010
EL Child	Contact	Address Street Number and Name	The street number and street name or post office box number of an address.	000269
EL Child	Contact	Address Apartment Room or Suite Number	The apartment, room, or suite number of an address.	000019
EL Child	Contact	Address City	The name of the city in which an address is located.	000040
EL Child	Contact	Address County Name	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located.	000190
EL Child	Contact	State Abbreviation	The abbreviation for the state (within the United States) or outlying area in which an address is located.	000267
EL Child	Contact	Address Postal Code	A number that identifies each postal delivery area in the United States used as a portion of an address.	000214
EL Child	Contact	Country Code	The unique two character International Organization for Standardization (ISO) code for the country in which an address is located.	000050
EL Child	EL Health Information	Immunization Date	The year, month and day of an immunization.	000306
EL Child	EL Health Information	Required Immunization	An indication that an immunization is specifically required by an organization or governing body.	000307
EL Child	EL Health Information	Vision Screening	An examination used to measure a person's ability to see.	000308

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
EL Child	EL Health Information	Vision Screening Date	The year, month and day of a vision screening.	000703
EL Child	EL Health Information	Hearing Screening	An examination used to measure a person's ability to perceive sounds.	000309
EL Child	EL Health Information	Hearing Screening Date	The year, month and day of a hearing screening.	000705
EL Child	EL Health Information	Dental Screening	The condition of a person's mouth or oral cavity; more specifically the condition of the hard tissues (i.e., teeth and jaws) and the soft tissues (i.e., gums, tongue, lips, palate, mouth floor, and inner cheeks). Good oral health denotes the absence of clinically manifested disease or abnormalities of the oral cavity.	000310
EL Child	EL Health Information	Dental Screening Date	The year, month and day of a dental screening	000706
EL Child	EL Health Information	Weight at Birth	The weight of a child at birth in pounds and ounces.	000312
EL Child	EL Health Information	Weeks of Gestation	The number of weeks during gestational period.	000313
EL Child	EL Health Information	Insurance Coverage	The nature of insurance covering an person's hospitalization and other health or medical care.	000335
EL Child	EL Health Information	Dental Insurance Coverage	The nature of insurance covering an person's dental care.	000336
EL Child	Developmental Assessments	Developmental Screening	The administration of a brief standardized screening tool aiding in the identification of children at risk of a developmental disorder.	000314
EL Child	Developmental Assessments	Developmental Evaluation Finding	Child developmental disorder or disordered determined by procedure used by appropriate qualified personnel.	000315
EL Child	Developmental Assessments	Primary Disability Type	The major or overriding disability condition that best describes a person's impairment.	000218
EL Child	Language	Language Type	An indication of the function and context in which a person uses a language to communicate.	000316
EL Child	Language	Language Code	The code for the specific language or dialect that a person uses to communicate.	000317
EL Child	EL Educational Experiences	Early Childhood Program Type Enrollment	The type of programs in which the child is enrolled.	000318
EL Child	EL Educational Experiences	Program Participation Start Date	The year, month and day on which the person began to participate in a program.	000590

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
EL Child	EL Educational Experiences	Program Participation Exit Date	The year, month and day on which the person ceased to participate in a program.	000591
EL Child	EL Educational Experiences	Prior Early Childhood Experience	Type(s) of prior experience (if any) in an early childhood program.	000319
EL Child	EL Educational Experiences	Individualized Program Type	A designation of the type of program developed for a student.	000320
EL Child	EL Educational Experiences	Early Intervention or Special Education Services Received	The types of service, specially designed and at no cost to the parent/guardian, that adapts the curriculum, materials, or instruction for students identified as needing special education because of a disabling condition.	000321
EL Child	EL Educational Experiences	Early Intervention or Special Education Services Setting	The setting in which a person receives services that adapt the curriculum, materials, or instruction for students identified as needing special education because of a disabling condition.	000322
EL Child	EL Educational Experiences	Application Date	The year, month and day on which an individual application is received by the organization.	000323
EL Child	EL Educational Experiences	Enrollment Date	The year, month and day on which a person is considered officially enrolled in the program.	000324
EL Child	EL Educational Experiences	Entry Date	The month, day, and year on which a person enters and begins to receive instructional services in a school, institution, program, or class-section during a given session.	000097
EL Child	EL Educational Experiences	Exit Date	The year, month and day on which the student officially withdrew or graduated, i.e. the date on which the student's enrollment ended.	000107
EL Child	EL Educational Experiences	Service Entry Date	The year, month and day on which a person begins to receive early intervention or special education services.	000326
EL Child	EL Educational Experiences	Service Exit Date	The year, month and day on which a person stops receiving early intervention or special education services.	000327
EL Child	EL Educational Experiences	Number of Days in Attendance	The number of days a person is present when school is in session during a given reporting period.	000202
EL Child	EL Educational Experiences	Participation in School Food Service Programs	An indication of a student's participation in free, reduced price, full price breakfast, lunch, snack, supper, and milk programs.	000325

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
EL Family	Family/Household Information	Number of People in Family	Total number of persons in immediate family. Family means for the purposes of the regulations in this part all persons: (i) Living in the same household who are: (A) Supported by the income of the parent(s) or guardian(s) of the child enrolling or participating in the program; or (B) Related to the child by blood, marriage, or adoption; or (ii) Related to the child enrolling or participating in the program as parents or siblings, by blood, marriage, or adoption.	000330
EL Family	Family/Household Information	Number of People in Household	Total number of persons residing in the same household.	000331
EL Family	Family/Household Information	Proof of Residency	An accepted form of proof of residency in the district/county/other locality.	000305
EL Family	Family/Household Information	Family Income	Total income of family from all sources. Income includes money, wages or salary before deductions; net income from non-farm self-employment; net income from farm self-employment; regular payments from Social Security or railroad retirement; payments from unemployment compensation, strike benefits from union funds, workers' compensation, veterans benefits (with the exception noted below), public assistance (including Temporary Assistance for Needy Families, Supplemental Security Income, Emergency Assistance money payments, and non-Federally funded General Assistance or General Relief money payments); training stipends; alimony, child support, and military family allotments or other regular support from an absent family member or someone not living in the household; private pensions, government employee pensions (including military retirement pay), and regular insurance or annuity payments; college or university scholarships, grants, fellowships, and assistantships; and dividends, interest, net rental income, net royalties, and periodic receipts from estates or trusts; and net gambling or lottery winnings.	000332
EL Family	Family/Household Information	Source of Family Income	Sources of total family income.	000333
EL Family	Family/Household Information	Income Calculation Method	The calculation method used by a program to determine total family income.	000334
Parent/Guardian	Identity	First Name	The full legal first name given to a person at birth, baptism, or through legal change.	000115

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
Parent/Guardian	Identity	Middle Name	A full legal middle name given to a person at birth, baptism, or through legal change.	000184
Parent/Guardian	Identity	Last or Surname	The full legal last name borne in common by members of a family.	000172
Parent/Guardian	Identity	Generation Code or Suffix	An appendage, if any, used to denote a person's generation in his family (e.g., Jr., Sr., III).	000121
Parent/Guardian	Identity	Personal Title or Prefix	An appellation, if any, used to denote rank, placement, or status (e.g., Mr., Ms., Reverend, Sister, Dr., Colonel).	000212
Parent/Guardian	Identity	Person Relationship to Learner Type	The nature of the person's relationship to a learner. The learner may be an Early Learning Child, K12 Student, Postsecondary Student, or an adult learner in a workforce education program.	000425
Parent/Guardian	Identity	Custodial Parent or Guardian Indicator	An indication that a person has legal custody of a child.	000329
Parent/Guardian	Identity	Person Relationship to Learner Qualifier Type	A qualifier used with the element Person Relationship to Learner Type to further define the nature of the person's relationship to a learner.	000721
Parent/Guardian	Education	Highest Level of Education Completed	The extent of formal instruction a person has received (e.g., the highest grade in school completed or its equivalent or the highest degree received).	000141
EL Staff	Identity	First Name	The full legal first name given to a person at birth, baptism, or through legal change.	000115
EL Staff	Identity	Middle Name	A full legal middle name given to a person at birth, baptism, or through legal change.	000184
EL Staff	Identity	Last or Surname	The full legal last name borne in common by members of a family.	000172
EL Staff	Identity	Generation Code or Suffix	An appendage, if any, used to denote a person's generation in his family (e.g., Jr., Sr., III).	000121
EL Staff	Identity	Personal Title or Prefix	An appellation, if any, used to denote rank, placement, or status (e.g., Mr., Ms., Reverend, Sister, Dr., Colonel).	000212
EL Staff	Demographic	Sex	The concept describing the biological traits that distinguish the males and females of a species.	000255
EL Staff	Demographic	Birthdate	The year, month and day on which a person was born.	000033
EL Staff	Contact	Address Street Number and Name	The street number and street name or post office box number of an address.	000269
EL Staff	Contact	Address Apartment Room or Suite Number	The apartment, room, or suite number of an address.	000019
EL Staff	Contact	Address City	The name of the city in which an address is located.	000040

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
EL Staff	Contact	Address County Name	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located.	000190
EL Staff	Contact	State Abbreviation	The abbreviation for the state (within the United States) or outlying area in which an address is located.	000267
EL Staff	Contact	Address Postal Code	A number that identifies each postal delivery area in the United States used as a portion of an address.	000214
EL Staff	Contact	Country Code	The unique two character International Organization for Standardization (ISO) code for the country in which an address is located.	000050
EL Staff	Staff Education/Training Infor	Name of Institution	The full legally accepted name of the institution.	000191
EL Staff	Staff Education/Training Infor	Level of Specialization in Early Learning	The extent to which a person concentrates upon a particular subject matter area during his or her period of study at an educational institution.	000341
EL Staff	Staff Education/Training Infor	Degree or Certificate Title or Subject	The name of the degree or certificate earned by a person. This includes honorary degrees conferred upon an individual.	000342
EL Staff	Staff Education/Training Infor	Degree or Certificate Type	The type of degree or certificate earned by a person.	000343
EL Staff	Staff Education/Training Infor	Degree or Certificate Conferring Date	The year, month and day on which a person received a degree or certificate.	000344
EL Staff	Staff Education/Training Infor	Early Childhood Credential	The credential related to early childhood education or development held by a person.	000345
EL Staff	Language	Language Type	An indication of the function and context in which a person uses a language to communicate.	000316
EL Staff	Language	Language Code	The code for the specific language or dialect that a person uses to communicate.	000317
EL Staff	Employment	Education Staff Classification	The titles of employment, official status, or rank of education staff.	000087
EL Staff	Employment	Hire Date	The year, month and day on which a person was hired for a position, or consecutive positions within the same organization and job classification.	000143

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
EL Staff	Employment	Employment Start Date	The year, month and day on which a person began self-employment or employment with an organization or institution.	000346
EL Staff	Employment	Employment Status	The condition under which a person has agreed to serve an employer.	000347
EL Organization	Organization Information	Responsible Organization Name	The name of a non-person entity such as an organization, institution, agency or business responsible for the institution/site.	000631
EL Organization	Organization Information	Address Type for Organization	The type of address listed for an organization.	000010
EL Organization	Organization Information	Address Street Number and Name	The street number and street name or post office box number of an address.	000269
EL Organization	Organization Information	Address Apartment Room or Suite Number	The apartment, room, or suite number of an address.	000019
EL Organization	Organization Information	Address City	The name of the city in which an address is located.	000040
EL Organization	Organization Information	Address County Name	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located.	000190
EL Organization	Organization Information	State Abbreviation	The abbreviation for the state (within the United States) or outlying area in which an address is located.	000267
EL Organization	Organization Information	Address Postal Code	A number that identifies each postal delivery area in the United States used as a portion of an address.	000214
EL Organization	Organization Information	Primary Telephone Number Indicator	An indication that the telephone number should be used as the principal number for a person or organization.	000219
EL Organization	Organization Information	Telephone Number	The telephone number including the area code, and extension, if applicable.	000279
EL Organization	Organization Information	Primary Telephone Number Indicator	An indication that the telephone number should be used as the principal number for a person or organization.	000219
EL Organization	Institution - Site Level Chara	Site Name	The full, legally accepted name of the institution at the site level.	000632
EL Organization	Institution - Site Level Chara	Initial License Date	The year, month and day on which a program or center received its initial license.	000348
EL Organization	Institution - Site Level Chara	Continuing License Date	The year, month and day on which a program or center received its continuing license.	000349
EL Organization	Institution - Site Level Chara	License Exempt	The program or center is legally exempt from licensing.	000350
EL Organization	Institution - Site Level Chara	Operation Date	The year, month and day on which a program or center began operation.	000351

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
EL Organization	Institution - Site Level Chara	Ages Served	The ages of children served by an institution as identified by the funding and/or licensing source.	000633
EL Organization	EL Program Characteristics	Child-to-Instructional Staff Ratio	The number of children per instructional staff member.	000352
EL Organization	EL Program Characteristics	Program Option Variation	Nature of early childhood program in which a person is enrolled.	000353
EL Organization	EL Program Characteristics	Hours Available Per Day	The number of hours per day the site or classroom is open for children to attend.	000354
EL Organization	EL Program Characteristics	Days Available Per Week	The number of days per week the site or classroom is open for children to attend.	000355
EL Organization	EL Program Characteristics	Early Childhood Program Setting	The site or setting in which early childhood care, education, and/or services are provided.	000356
EL Organization	EL Program Characteristics	Quality Rating and Improvement System Participation	Program site participates in a Quality Rating and Improvement System (QRIS).	000357
EL Organization	EL Program Characteristics	Quality Rating and Improvement System Score	The score, rating or level received by a program for its Quality Rating and Improvement System (QRIS).	000358

### K12 Domain

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 School	Directory	School Identifier	A unique number or alphanumeric code assigned to an institution by a school, school system, a state, or other agency or entity.	000364
K12 School	Directory	Identification System for School	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an institution.	000365
K12 School	Directory	Name of Institution	The full legally accepted name of the institution.	000191
K12 School	Directory	Address Type for Organization	The type of address listed for an organization.	000010
K12 School	Directory	Address Street Number and Name	The street number and street name or post office box number of an address.	000269
K12 School	Directory	Address City	The name of the city in which an address is located.	000040
K12 School	Directory	State Abbreviation	The abbreviation for the state (within the United States) or outlying area in which an address is located.	000267
K12 School	Directory	Address Postal Code	A number that identifies each postal delivery area in the United States used as a portion of an address.	000214
K12 School	Directory	Address County Name	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located.	000190
K12 School	Directory	County Federal Information Processing Standards Code	The Federal Information Processing Standards (FIPS) numeric code for the county issued by the National Institute of Standards and Technology (NIST). Counties are considered to be the "first-order subdivisions" of each State and statistically equivalent entity, regardless of their local designations (county, parish, borough, etc.). Counties in different States will have the same code. A unique county number is created when combined with the 2-digit FIPS State Code.	000052
K12 School	Directory	Institution Telephone Number Type	The type of communication number listed for an organization.	000167
K12 School	Directory	Telephone Number	The telephone number including the area code, and extension, if applicable.	000279
K12 School	Directory	Grades Offered	The specific grade or combination of grades offered by an education institution.	000131
K12 School	Directory	School Type	The type of education institution as classified by its primary focus.	000242
K12 School	Directory	Magnet or Special Program Emphasis School	A school that has been designed: 1) to attract students of different racial/ethnic backgrounds for the purpose of reducing, preventing, or eliminating racial isolation; and/or 2) to provide an academic or social focus on a particular theme (e.g., science/math, performing arts, gifted/talented, career academy or foreign language).	000181

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 School	Directory	Charter School Indicator	A school or agency providing free public elementary or secondary education to eligible students under a specific charter granted by the state legislature or other appropriate authority and designated by such authority to be a charter school.	000039
K12 School	Directory	Charter School Type	The category of charter school.	000710
K12 School	Directory	Administrative Funding Control	The type of education institution as classified by its funding source.	000012
K12 School	Directory	School Operational Status	The current status of the school operations, exclusive of scheduled breaks, holidays, or other temporary interruptions.	000533
K12 School	Directory	Operational Status Effective Date	The effective date for a change in operational status.	000534
K12 School	Directory	Program Type	The system outlining instructional or non-instructional activities and procedures designed to accomplish a predetermined educational objective or set of objectives or to provide support services to person and/or the community.	000225
K12 School	Directory	Alternative School Focus Type	An indication of the specific group of students whose needs the alternative school is designed to meet.	000015
K12 School	Directory	Advance Placement Course Self Selection	An indication of whether enrollment via self-selection by the student is permitted for all Advanced Placement (AP) courses offered.	000017
K12 School	Directory	Internet Access	The type of internet access available.	000587
K12 School	Directory	School Level	An indication of the level of the education institution.	000241
K12 School	Directory	Shared Time Indicator	An indication that a school offers career and technical education or other educational services in which some or all students are enrolled at a separate school of record and attend the shared-time school on a part-time basis.	000257
K12 School	Directory	Web Site Address	The Uniform Resource Locator (URL) for the unique address of a Web page.	000704
K12 School	Directory	Latitude	The north or south angular distance from the equator that, when combined with longitude, reflects an estimation of where the school is physically situated.	000606
K12 School	Directory	Longitude	The east or west angular distance from the prime meridian that, when combined with latitude, reflects an estimation of where the school is physically situated.	000607
K12 School	Directory	Primary Telephone Number Indicator	An indication that the telephone number should be used as the principal number for a person or organization.	000219
K12 School	Directory	Building Site Number	The number of the building on the site, if more than one building shares the same address.	000602

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 School	Directory	Facilities Identifier	A locally assigned unique number or alphanumeric code used to capture precise information on locations specific to a school (e.g., building number, class number, hall number, school bus number, computer station number, or internet protocol (IP) address).	000504
K12 School	Institution Characteristics	Ability Grouping Status	An indication of whether the school has students who are ability grouped for classroom instruction in mathematics or English/reading/language arts.	000328
K12 School	Institution Characteristics	Career Technical Education Representation Status	An indication of whether CTE participants were members of an underrepresented gender group.	000588
K12 School	Institution Characteristics	Increased Learning Time Type	The types of increased learning time provided.	000164
K12 School	Institution Characteristics	State Poverty Designation	The designation of a school's poverty quartile for purposes of determining classes taught by highly qualified teachers in high and low poverty schools, according to state's indicator of poverty.	000585
K12 School	Institution Characteristics	Student Support Service Type	Type of related or ancillary services provided to a person or a group of persons within the formal educational system or offered by an outside agency which provides non-instructional services to support the general welfare of students. This includes physical and emotional health, the ability to select an appropriate course of study, admission to appropriate educational programs, and the ability to adjust to and remain in school through the completion of programs. In serving a student with an identified disability, related services include developmental, corrective, or supportive services required to ensure that the person benefits from special education.	000273
K12 School	Institution Characteristics	Title I Program Type	The type of Title I program offered in the school or district.	000284
K12 School	Institution Characteristics	Title I School Status	An indication that a school is designated under state and federal regulations as being eligible for participation in programs authorized by Title I of ESEA as amended and whether it has a Title I program.	000285
K12 School	Institution Characteristics	Title III Language Instruction Program Type	The type of Title III language instructional programs.	000447
K12 School	Accountability	Adequate Yearly Progress Status	An indication of whether the state, district, or school met the Adequate Yearly Progress (AYP) requirements for the school year, as determined by the state-established criteria.	000011
K12 School	Accountability	Adequate Yearly Progress Appeal Changed Designation	An indication that the appeal resulted in a change in a school or district's AYP designation.	000443

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 School	Accountability	Adequate Yearly Progress Appeal Process Date	The last date that an appeal of an AYP designation was processed.	000444
K12 School	Accountability	Appealed Adequate Yearly Progress Designation	An indication that a school or district appealed its AYP designation.	000442
K12 School	Accountability	Alternate Adequate Yearly Progress Approach Indicator	An indication of whether the district or school used an approved alternate approach for calculating Adequate Yearly Progress (AYP).	000014
K12 School	Accountability	Annual Measurable Achievement Objective Proficiency Attainment Status for LEP Students	An indication whether the state, district or school met the Annual Measurable Achievement Objectives (AMAO) for attaining English proficiency for limited English proficient (LEP) students under Title III of ESEA.	000544
K12 School	Accountability	Annual Measurable Achievement Objective Progress Attainment Status for LEP Students	An indication whether the state, district, or school met the Annual Measurable Achievement Objective (AMAO) for making progress in learning English for limited English proficient (LEP) students under Title III of ESEA as amended.	000554
K12 School	Accountability	Corrective Action Type	The types of corrective actions under ESEA as amended.	000049
K12 School	Accountability	Elementary-Middle Additional Indicator Status	An indication of whether the school or district met the Elementary/Middle Additional Indicator requirement in accordance with state definition for the purpose of determining Adequate Yearly Progress (AYP).	000091
K12 School	Accountability	Gun Free Schools Act Reporting Status	An indication of whether the school or local education agency (LEA) submitted a Gun-Free Schools Act (GFSA) of 1994 report to the state, as defined by Title 18, Section 921.	000134
K12 School	Accountability	High School Graduation Rate Indicator Status	An indication of whether the school or district met the High School Graduation Rate requirement in accordance with state definition for the purposes of determining AYP.	000140
K12 School	Accountability	Participation Status for Math	An indication of whether the school or district met the 95 percent participation requirement in the mathematics assessment in accordance with state definition for the purposes of determining AYP.	000208
K12 School	Accountability	Participation Status for Reading and Language Arts	An indication of whether the school or district met the 95 percent participation requirement on the reading/language arts assessment in accordance with state definition for the purposes of determining AYP.	000209
K12 School	Accountability	Proficiency Target Status for Math	An indication of whether the school or district met the math proficiency target in accordance with state definition for the purposes of determining AYP.	000221

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 School	Accountability	Proficiency Target Status for Reading and Language Arts	An indication of whether the school or district met the reading/language arts proficiency target in accordance with state definition for the purposes of determining AYP.	000553
K12 School	Accountability	Persistently Dangerous Status	An indication of whether the school is identified as persistently dangerous in accordance with state definition.	000210
K12 School	Accountability	Persistently Lowest Achieving School Status	An indication of whether the school is identified by the state as persistently lowest-achieving.	000211
K12 School	Accountability	Reconstituted Status	An indication that the school was restructured, transformed or otherwise changed as a consequence of the state's accountability system under ESEA or as a result of School Improvement Grants (SIG).	000230
K12 School	Accountability	Restructuring Action	The types of actions being implemented in Title I schools as a result of the school being in an improvement status of restructuring – year 2 (implementation year).	000232
K12 School	Accountability	School Improvement Exit Date	Date the school exited school improvement status.	000481
K12 School	Accountability	School Improvement Status	An indication of the improvement stage of the school.	000240
K12 School	Federal Funds	Consolidated Migrant Education Program Funds Status	An indication of whether the school has a schoolwide program, as defined by Title I of ESEA as amended, in which federal Migrant Education Program (MEP) funds are consolidated as authorized under 34 CFR Section 200.29.	000542
K12 School	Federal Funds	School Improvement Funds Status	An indication of whether the school received funds under Section 1003 of ESEA, as amended.	000238
K12 School	Federal Funds	School Improvement Grant Intervention Type	The type of intervention used by the school under the School Improvement Grant (SIG).	000239
K12 School	Session	School Year	The year for a reported school session.	000243
K12 School	Session	First Instruction Date	The year, month and day of the first day of student instruction for the school year.	000497
K12 School	Session	Last Instruction Date	The year, month and day of the last day of student instruction (including days or times that students are present for purposes of testing and/or evaluation, but not including whole or part-days whose sole purposes is for distribution of report cards).	000498

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 School	Session	Days In Session	The total number of days that the school was or is anticipated to be in session during the school year. Also included are days on which the education institution facility is closed and the student body as a whole is engaged in planned activities off-campus under the guidance and direction of staff members.	000496
K12 School	Session	School Year Minutes	The number of minutes that all students were required to be at school and any additional learning time (e.g., before or after school, weekend school, summer school) for which all students had the opportunity to participate.	000244
K12 School	Session	Instructional Minutes	The total number of instruction minutes in a given session, as determined by time in class, time on task (e.g., engaged in a class), or as estimated by a qualified course designer.	000499
K12 School	Session	Minutes Per Day	The number of minutes in the day in which the school is normally in session.	000500
LEA	Directory	Organization Name	The name of a non-person entity such as an organization, institution, agency or business.	000204
LEA	Directory	Local Education Agency Identifier	A unique number or alphanumeric code assigned to a local education agency by a school system, a state, or other agency or entity.	000364
LEA	Directory	Identification System for Local Education Agency	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a local education agency.	000365
LEA	Directory	Address Type for Organization	The type of address listed for an organization.	000010
LEA	Directory	Address Street Number and Name	The street number and street name or post office box number of an address.	000269
LEA	Directory	Address City	The name of the city in which an address is located.	000040
LEA	Directory	State Abbreviation	The abbreviation for the state (within the United States) or outlying area in which an address is located.	000267
LEA	Directory	Address Postal Code	A number that identifies each postal delivery area in the United States used as a portion of an address.	000214
LEA	Directory	Address County Name	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located.	000190

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
LEA	Directory	County Federal Information Processing Standards Code	The Federal Information Processing Standards (FIPS) numeric code for the county issued by the National Institute of Standards and Technology (NIST). Counties are considered to be the "first-order subdivisions" of each State and statistically equivalent entity, regardless of their local designations (county, parish, borough, etc.). Counties in different States will have the same code. A unique county number is created when combined with the 2-digit FIPS State Code.	000052
LEA	Directory	Institution Telephone Number Type	The type of communication number listed for an organization.	000167
LEA	Directory	Telephone Number	The telephone number including the area code, and extension, if applicable.	000279
LEA	Directory	Agency Type	The education agency type code is a classification of education agencies within the geographic boundaries of a state according to the level of administrative and operational control.	000537
LEA	Directory	Charter School Indicator	A school or agency providing free public elementary or secondary education to eligible students under a specific charter granted by the state legislature or other appropriate authority and designated by such authority to be a charter school.	000039
LEA	Directory	Local Education Agency Operational Status	The classification of the operational condition of a local education agency (LEA) at the start of the school year.	000174
LEA	Directory	Operational Status Effective Date	The effective date for a change in operational status.	000534
LEA	Directory	Local Education Agency Supervisory Union Identification Number	The three-digit unique identifier assigned to the supervisory union by the state.	000175
LEA	Directory	Web Site Address	The Uniform Resource Locator (URL) for the unique address of a Web page.	000704
LEA	Directory	Primary Telephone Number Indicator	An indication that the telephone number should be used as the principal number for a person or organization.	000219
LEA	Directory	Facilities Identifier	A locally assigned unique number or alphanumeric code used to capture precise information on locations specific to a school (e.g., building number, class number, hall number, school bus number, computer station number, or internet protocol (IP) address).	000504
LEA	Accountability	Annual Measurable Achievement Objective AYP Progress Attainment Status for LEP Students	An indication of whether the state or district met the annual measurable objectives for the Limited English Proficient (LEP) student subgroup in mathematics and reading/language arts.	000579

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
LEA	Accountability	Annual Measurable Achievement Objective Proficiency Attainment Status for LEP Students	An indication whether the state, district or school met the Annual Measurable Achievement Objectives (AMAO) for attaining English proficiency for limited English proficient (LEP) students under Title III of ESEA.	000544
LEA	Accountability	Annual Measurable Achievement Objective Progress Attainment Status for LEP Students	An indication whether the state, district, or school met the Annual Measurable Achievement Objective (AMAO) for making progress in learning English for limited English proficient (LEP) students under Title III of ESEA as amended.	000554
LEA	Accountability	Appealed Adequate Yearly Progress Designation	An indication that a school or district appealed its AYP designation.	000442
LEA	Accountability	Adequate Yearly Progress Appeal Changed Designation	An indication that the appeal resulted in a change in a school or district's AYP designation.	000443
LEA	Accountability	Adequate Yearly Progress Appeal Process Date	The last date that an appeal of an AYP designation was processed.	000444
LEA	Accountability	Accountability Report Title	The title of the accountability report.	000005
LEA	Accountability	Adequate Yearly Progress Status	An indication of whether the state, district, or school met the Adequate Yearly Progress (AYP) requirements for the school year, as determined by the state-established criteria.	000011
LEA	Accountability	Alternate Adequate Yearly Progress Approach Indicator	An indication of whether the district or school used an approved alternate approach for calculating Adequate Yearly Progress (AYP).	000014
LEA	Accountability	Elementary-Middle Additional Indicator Status	An indication of whether the school or district met the Elementary/Middle Additional Indicator requirement in accordance with state definition for the purpose of determining Adequate Yearly Progress (AYP).	000091
LEA	Accountability	Gun Free Schools Act Reporting Status	An indication of whether the school or local education agency (LEA) submitted a Gun-Free Schools Act (GFSA) of 1994 report to the state, as defined by Title 18, Section 921.	000134
LEA	Accountability	High School Graduation Rate Indicator Status	An indication of whether the school or district met the High School Graduation Rate requirement in accordance with state definition for the purposes of determining AYP.	000140
LEA	Accountability	Local Education Agency Improvement Status	An indication of the improvement stage for AYP of the local education agency (LEA).	000173

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
LEA	Accountability	Participation Status for Math	An indication of whether the school or district met the 95 percent participation requirement in the mathematics assessment in accordance with state definition for the purposes of determining AYP.	000208
LEA	Accountability	Participation Status for Reading and Language Arts	An indication of whether the school or district met the 95 percent participation requirement on the reading/language arts assessment in accordance with state definition for the purposes of determining AYP.	000209
LEA	Accountability	Proficiency Target Status for Math	An indication of whether the school or district met the math proficiency target in accordance with state definition for the purposes of determining AYP.	000221
LEA	Accountability	Proficiency Target Status for Reading and Language Arts	An indication of whether the school or district met the reading/language arts proficiency target in accordance with state definition for the purposes of determining AYP.	000553
LEA	Accountability	Public School Choice Implementation Status	An indication of whether the LEA was able to implement the provisions for public school choice under Title I, Part A, Section 1116 of ESEA as amended.	000227
LEA	Accountability	Title III Professional Development Type	The type of Title III professional development utilized.	000487
LEA	Federal Funds	Federal Programs Funding Allocation	The amount of federal dollars distributed to local education agencies (LEAs), retained by the state education agency (SEA) for program administration or other approved state-level activities (including unallocated, transferred to another state agency, or distributed to entities other than LEAs).	000549
LEA	Federal Funds	Funds Transfer Amount	The total amount of FY appropriated funds transferred from and to each eligible program.	000452
LEA	Federal Funds	Innovative Dollars Spent	The total Title V, Part A funds expended by LEAs.	000461
LEA	Federal Funds	Innovative Dollars Spent on Strategic Priorities	The total amount of Title V, Part A funds expended by LEAs for the four strategic priorities.	000462
LEA	Federal Funds	Innovative Programs Funds Received	The total Title V, Part A funds received by LEAs.	000464
LEA	Federal Funds	Local Education Agency Funds Transfer Type	An indication of the type of transfer for an LEAs that transferred funds from an eligible program to another eligible program.	000451
LEA	Federal Funds	Local Education Agency Transferability of Funds	LEA notified the State that they were transferring funds under the LEA Transferability authority of Section 6123(b).	000446
LEA	Federal Funds	Number of Immigrant Program Subgrants	The number of immigrant program [3114(d)(1)] subgrants.	000470
LEA	Federal Funds	Public School Choice Funds Spent	The dollar amount spent on transportation for public school choice during the school year under Title I of ESEA as amended, Part A, Section 1116.	000568

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
LEA	Federal Funds	School Improvement Reserved Funds Percentage	An indication of the percentage of the Title I, Part A allocation that the SEA reserved in accordance with Section 1003(a) of ESEA and §200.100(a) of ED's regulations governing the reservation of funds for school improvement under Section 1003(a) of ESEA.	000479
LEA	Federal Funds	School Improvement Allocation	The amount of Section 1003(a) and 1003(g) allocations to LEAs and Schools.	000480
LEA	Federal Funds	Supplemental Educational Services Funds Spent	The dollar amount spent on supplemental educational services during the school year under Title I, Part A, Section 1116 of ESEA as amended.	000567
LEA	Federal Funds	Supplemental Educational Services Per Pupil Expenditure	The maximum dollar amount that may be spent per child for expenditures related to supplemental educational services under Title I of the ESEA.	000575
LEA	Federal Funds	Supplemental Education Services Public School Choice Twenty Percent Obligation	The dollar amount of the 20 percent reservation for supplemental educational services and choice-related transportation.	000574
LEA	Federal Funds	Type of Use of the Rural Low-Income Schools Program	The type of use of the Rural Low-Income Schools Program (RLIS) (Title VI, Part B, Subpart 2) Grant Funds.	000486
LEA	Program Specific Federal Repor	Barrier to Educating Homeless	Barriers to the enrollment and success of homeless children and youths.	000449
LEA	Program Specific Federal Repor	Desegregation Order or Plan	An indication whether the LEA is covered by a desegregation plan either ordered by a court or entered into with the Office for Civil Rights under Title VI of the Civil Rights Act of 1964.	000080
LEA	Program Specific Federal Repor	Harassment or Bullying Policy Status	An indication of whether the education unit has adopted written policy prohibiting harassment and bullying on the basis of a civil rights law.	000135
LEA	Program Specific Federal Repor	Integrated Technology Status	An indication of the extent to which the district has effectively and fully integrated technology, as defined by the state.	000170
LEA	Program Specific Federal Repor	Rural Education Achievement Program Alternative Funding Status	An indication that the local education agency (LEA) notified the state of the LEA's intention to use REAP-Flex Alternative Uses of Funding Authority during the school year as specified in the Title VI, Section 6211 of ESEA as amended.	000560
LEA	Safe and Drug Free Program	Safe and Drug Free Baseline	The baseline of the performance indicator of student behavior under the Safe and Drug-Free Schools and Communities Act.	000477
LEA	Safe and Drug Free Program	Safe and Drug Free Baseline Year	The academic year the baseline was established.	000478

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
LEA	Safe and Drug Free Program	Safe and Drug Free Collection Frequency	The frequency of data collection for performance indicator under the Safe and Drug-Free Schools and Communities Act.	000473
LEA	Safe and Drug Free Program	Safe and Drug Free Indicator Name	The name of the performance indicator for student behaviors under the Safe and Drug-Free Schools and Communities Act.	000471
LEA	Safe and Drug Free Program	Safe and Drug Free Instrument	The instrument or data source for reported performance indicator of student behavior under the Safe and Drug-Free Schools and Communities Act.	000472
LEA	Safe and Drug Free Program	Safe and Drug Free Performance	Actual performance for the given indicator of student behavior under the Safe and Drug-Free Schools and Communities Act	000476
LEA	Safe and Drug Free Program	Safe and Drug Free Target	The targeted performance for the given indicator of student behavior under the Safe and Drug-Free Schools and Communities Act.	000475
LEA	Safe and Drug Free Program	Safe and Drug Free Year Most Recent Collection	The academic year of the most recent collection of the performance indicator under the Sage and Drug-Free Schools and Communities Act.	000474
LEA	Program Specific Federal Repor	State Assessment Administration Funding	The percentage of funds used to administer assessments required by section 1111(b) or to carry out other activities described in section 6111 and other activities related to ensuring that the State's schools and local educational agencies are held accountable for results.	000454
LEA	Program Specific Federal Repor	State Assessment Standards Funding	The percentage of funds used to pay the costs of the development of the State assessments and standards required by section 1111(b).	000453
LEA	Program Specific Federal Repor	Terminated Title III Programs Due to Failure	An indication of whether a Title III programs or activities was terminated due to failure to meet goals.	000482
LEA	Program Specific Federal Repor	Title III LEP Instructors Needed in Next 5 Years	The estimated number of additional certified/licensed teachers that will be needed for Title III language instruction educational programs in the next 5 years.	000483
LEA	Program Specific Federal Repor	Interscholastic Sports - Male Only	The number of interscholastic sports in which only male students participate. Sports include distinct sports such as football, basketball, soccer but not intramural sports or cheerleading.	000653
LEA	Program Specific Federal Repor	Interscholastic Sports - Female Only	The number of interscholastic sports in which only female students participate. Sports include distinct sports such as football, basketball, soccer but not intramural sports or cheerleading.	000654
LEA	Program Specific Federal Repor	Interscholastic Teams - Male Only	The number of interscholastic teams in which only male students participate. Teams include each competitive level team in each sport, such as freshman team, junior varsity team, and varsity team but not intramural sports or cheerleading.	000655

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
LEA	Program Specific Federal Repor	Interscholastic Teams - Female Only	The number of interscholastic teams in which only female students participate. Teams include each competitive level team in each sport, such as freshman team, junior varsity team, and varsity team but not intramural sports or cheerleading.	000656
LEA	Program Specific Federal Repor	Interscholastic Sport Participants - Male Only	The number of male students who participated on an interscholastic team. A student should be counted once for each team he was on.	000657
LEA	Program Specific Federal Repor	Interscholastic Sport Participants - Female Only	The number of female students who participated on an interscholastic team. A student should be counted once for each team she was on.	000658
LEA	Programs and Services	Pre-kindergarten Eligibility	The groups of students for whom pre-kindergarten programs are available.	000216
LEA	Programs and Services	Pre-kindergarten Eligible Ages for Non-IDEA Students	The ages of children not served under IDEA to whom the LEA's pre-kindergarten services are available.	000217
LEA	Programs and Services	Prekindergarten Daily Length	The portion of a day that a pre-kindergarten program is provided to the students it serves.	000490
LEA	Programs and Services	Kindergarten Daily Length	The portion of a day that a kindergarten program is provided to the students it serves.	000491
LEA	Programs and Services	Migrant Education Program Session Type	The time of year that a Migrant Education Program operates.	000187
LEA	Programs and Services	Migrant Education Program Project Type	Type of project funded in whole or in part by MEP funds.	000463
LEA	Programs and Services	Program in Multiple Purpose Facility	An institution/facility/program that serves more than one programming purpose. For example, the same facility may run both a juvenile correction program and a juvenile detention program.	000485
LEA	Programs and Services	Title I Instructional Services	The type of instructional services provided to students in ESEA Title I programs.	000282
LEA	Programs and Services	Title I Program Type	The type of Title I program offered in the school or district.	000284
LEA	Programs and Services	Title I Support Services	The type of support services provided to students in Title I programs.	000289
LEA	Programs and Services	Title III Language Instruction Program Type	The type of Title III language instructional programs.	000447
SEA	Directory	Organization Name	The name of a non-person entity such as an organization, institution, agency or business.	000204

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
SEA	Directory	Address Type for Organization	The type of address listed for an organization.	000010
SEA	Directory	Address Street Number and Name	The street number and street name or post office box number of an address.	000269
SEA	Directory	Address City	The name of the city in which an address is located.	000040
SEA	Directory	State Abbreviation	The abbreviation for the state (within the United States) or outlying area in which an address is located.	000267
SEA	Directory	Address Postal Code	A number that identifies each postal delivery area in the United States used as a portion of an address.	000214
SEA	Directory	State Federal Information Processing Standards Code	The Federal Information Processing Standards (FIPS) numeric code for the state.	000424
SEA	Accountability	Adequate Yearly Progress Status	An indication of whether the state, district, or school met the Adequate Yearly Progress (AYP) requirements for the school year, as determined by the state-established criteria.	000011
SEA	Accountability	Annual Measurable Achievement Objective Proficiency Attainment Status for LEP Students	An indication whether the state, district or school met the Annual Measurable Achievement Objectives (AMAO) for attaining English proficiency for limited English proficient (LEP) students under Title III of ESEA.	000544
SEA	Accountability	Annual Measurable Achievement Objective Progress Attainment Status for LEP Students	An indication whether the state, district, or school met the Annual Measurable Achievement Objective (AMAO) for making progress in learning English for limited English proficient (LEP) students under Title III of ESEA as amended.	000554
SEA	Accountability	Annual Measurable Achievement Objective AYP Progress Attainment Status for LEP Students	An indication of whether the state or district met the annual measurable objectives for the Limited English Proficient (LEP) student subgroup in mathematics and reading/language arts.	000579
SEA	Accountability	Career and Technical Education Graduation Rate Inclusion	An indication of how CTE completers are included in the state's computation of its graduation rate.	000075
SEA	Federal Funds	Federal Program Code	The unique five-digit number assigned to each federal program as listed in the Catalog of Federal Domestic Assistance (CFDA) Programs administered by the U.S. Department of Education beginning with 84.	000547

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
SEA	Federal Funds	Federal Programs Funding Allocation	The amount of federal dollars distributed to local education agencies (LEAs), retained by the state education agency (SEA) for program administration or other approved state-level activities (including unallocated, transferred to another state agency, or distributed to entities other than LEAs).	000549
SEA	Federal Funds	Federal Programs Funding Allocation Type	The type of federal program funding allocation or distribution made.	000548
SEA	Federal Funds	State Transferability of Funds	Did the State transfer funds under the State Transferability authority of Section 6123(a)	000445
SEA	Federal Funds	Date State Received Title III Allocation	Annual date the State receives the Title III allocation from U.S. Department of Education (ED).	000455
SEA	Federal Funds	Date Title III Funds Available to Subgrantees	Annual date that Title III funds are available to approved subgrantees.	000456
SEA	Federal Funds	Number of Days for Title III Subgrants	Average number of days for States receiving Title III funds to make subgrants to subgrantees beginning from July 1 of each year, except under conditions where funds are being withheld.	000457
SEA	Federal Funds	Uses of Funds for Purposes other than Standards and Assessment Development	Purposes that funds available under ESEA section 6111 (Grants for State Assessments and Related Activities) were used during the 2009-10 school year for purposes other than the costs of the development of the State assessments and standards required by section 1111(b).	000459
K12 Student	Identity	Student Identifier	A unique number or alphanumeric code assigned to a student by a school, school system, a state, or other agency or entity.	000364
K12 Student	Identity	Identification System for Student	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a student.	000365
K12 Student	Identity	First Name	The full legal first name given to a person at birth, baptism, or through legal change.	000115
K12 Student	Identity	Middle Name	A full legal middle name given to a person at birth, baptism, or through legal change.	000184
K12 Student	Identity	Last or Surname	The full legal last name borne in common by members of a family.	000172
K12 Student	Identity	Generation Code or Suffix	An appendage, if any, used to denote a person's generation in his family (e.g., Jr., Sr., III).	000121
K12 Student	Identity	Personal Title or Prefix	An appellation, if any, used to denote rank, placement, or status (e.g., Mr., Ms., Reverend, Sister, Dr., Colonel).	000212
K12 Student	Identity	Other Name	Previous, alternate or other names or aliases associated with the person.	000206
K12 Student	Identity	Other Name Type	The types of previous, alternate or other names for a person.	000634

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Identity	Personal Information Verification	The evidence by which a persons name, address, date of birth, etc. is confirmed.	000618
K12 Student	Demographic	Sex	The concept describing the biological traits that distinguish the males and females of a species.	000255
K12 Student	Demographic	Birthdate	The year, month and day on which a person was born.	000033
K12 Student	Demographic	Country of Birth Code	The unique two digit International Organization for Standardization (ISO) code for the country in which a person is born.	000051
K12 Student	Demographic	State of Birth Abbreviation	The abbreviation for the name of the state (within the United States) or extra-state jurisdiction in which a person was born.	000427
K12 Student	Demographic	City of Birth	The name of the city in which a person was born.	000426
K12 Student	Demographic	American Indian or Alaska Native	A person having origins in any of the original peoples of North and South America (including Central America), and who maintains cultural identification through tribal affiliation or community attachment.	000016
K12 Student	Demographic	Asian	A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent. This area includes, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.	000020
K12 Student	Demographic	Black or African American	A person having origins in any of the black racial groups of Africa.	000034
K12 Student	Demographic	Native Hawaiian or Other Pacific Islander	A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.	000192
K12 Student	Demographic	White	A person having origins in any of the original peoples of Europe, Middle East, or North Africa.	000301
K12 Student	Demographic	Hispanic or Latino Ethnicity	An indication that the person traces his or her origin or descent to Mexico, Puerto Rico, Cuba, Central and South America, and other Spanish cultures, regardless of race.	000144
K12 Student	Demographic	Public School Residence Status	An indication of the location of a persons legal residence relative to (within or outside) the boundaries of the public school attended and its administrative unit.	000532
K12 Student	Contact	Address Type for Learner	The type of address listed for a learner.	000010
K12 Student	Contact	Address Street Number and Name	The street number and street name or post office box number of an address.	000269
K12 Student	Contact	Address Apartment Room or Suite Number	The apartment, room, or suite number of an address.	000019
K12 Student	Contact	Address City	The name of the city in which an address is located.	000040

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Contact	Address County Name	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located.	000190
K12 Student	Contact	State Abbreviation	The abbreviation for the state (within the United States) or outlying area in which an address is located.	000267
K12 Student	Contact	Address Postal Code	A number that identifies each postal delivery area in the United States used as a portion of an address.	000214
K12 Student	Contact	Country Code	The unique two character International Organization for Standardization (ISO) code for the country in which an address is located.	000050
K12 Student	Contact	Telephone Number	The telephone number including the area code, and extension, if applicable.	000279
K12 Student	Contact	Telephone Number Type	The type of communication number listed for a person.	000280
K12 Student	Contact	Primary Telephone Number Indicator	An indication that the telephone number should be used as the principal number for a person or organization.	000219
K12 Student	Contact	Electronic Mail Address	The numbers, letters, and symbols used to identify an electronic mail (e-mail) user within the network to which the person or organization belongs.	000088
K12 Student	Contact	Electronic Mail Address Type	The type of electronic mail (e-mail) address listed for a person or organization.	000089
K12 Student	Enrollment	Local Education Agency Identifier	A unique number or alphanumeric code assigned to a local education agency by a school system, a state, or other agency or entity.	000364
K12 Student	Enrollment	Identification System for Local Education Agency	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a local education agency.	000365
K12 Student	Enrollment	School Identifier	A unique number or alphanumeric code assigned to an institution by a school, school system, a state, or other agency or entity.	000364
K12 Student	Enrollment	Identification System for School	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an institution.	000365
K12 Student	Enrollment	Responsible District Identifier	The district responsible for specific educational services and/or instruction of the student.	000637
K12 Student	Enrollment	Responsible District Type	The type of responsibility the district has for the student.	000594
K12 Student	Enrollment	Responsible School Identifier	The school responsible for specific education services and/or instruction of the student.	000638
K12 Student	Enrollment	Responsible School Type	The type of services/instruction the school is responsible for the student.	000595
K12 Student	Enrollment	Kindergarten Program Participation Type	The type of Kindergarten program the student is enrolled in.	000714
K12 Student	Enrollment	Gifted and Talented	An indication that the student is participating in and served by a Gifted/Talented program.	000122

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Enrollment	Enrollment Status	An indication as to whether a student's name was, is, or will be officially registered on the roll of a school or schools.	000094
K12 Student	Enrollment	Entry Grade Level	The grade level or primary instructional level at which a student enters and receives services in a school or an educational institution during a given academic session.	000100
K12 Student	Enrollment	Entry Type	The process by which a student enters a school during a given academic session.	000099
K12 Student	Enrollment	Exit Date	The year, month and day on which the student officially withdrew or graduated, i.e. the date on which the student's enrollment ended.	000107
K12 Student	Enrollment	Exit or Withdrawal Type	The circumstances under which the student exited from membership in an educational institution.	000110
K12 Student	Enrollment	Exit or Withdrawal Status	An indication as to whether an instance of student exit/withdrawal is considered to be of a permanent or temporary nature.	000108
K12 Student	Enrollment	Cohort Year	The school year in which the student entered the baseline group used for computing completion rates (e.g., high school, program).	000046
K12 Student	Enrollment	Cohort Graduation Year	The year the cohort graduated with a regular high school diploma.	000584
K12 Student	Enrollment	Activity Title	The title for a particular activity, such as a co-curricular or extra-curricular activity.	000009
K12 Student	Enrollment	Activity Identifier	A unique number or alphanumeric code used in the local system to identify an activity, such as a co-curricular or extra-curricular activity that is offered at an education institution.	000006
K12 Student	Enrollment	Activity Involvement Begin Date	The year, month and day on which the person began to participate in the activity.	000007
K12 Student	Enrollment	Activity Involvement End Date	The year, month and day on which the person ceased to participate in the activity.	000008
K12 Student	Enrollment	GED Preparation Program Participation Status	An indication that a student aged 16-19 participates in a General Educational Development (GED) preparation program.	000120
K12 Student	Enrollment	Individualized Program Type	A designation of the type of program developed for a student.	000320
K12 Student	Enrollment	Non Traditional Program Enrollee Status	An indication that the student who is enrolled in a non-traditional program is a members of the underrepresented gender group.	000583
K12 Student	Enrollment	Displaced Student Status	A student who was enrolled, or eligible for enrollment, but has enrolled in another place because of a crisis.	000610
K12 Student	Academic Record	Course Identifier	The actual code that identifies the organization of subject matter and related learning experiences provided for the instruction of students.	000055

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Academic Record	Course Code System	A system that is used to identify the organization of subject matter and related learning experiences provided for the instruction of students.	000056
K12 Student	Academic Record	Course Title	The descriptive name given to a course of study offered in a school or other institution or organization. In departmentalized classes at the elementary, secondary, and postsecondary levels (and for staff development activities), this refers to the name by which a course is identified (e.g., American History, English III). For elementary and other non-departmentalized classes, it refers to any portion of the instruction for which a grade or report is assigned (e.g., reading, composition, spelling, and language arts).	000067
K12 Student	Academic Record	Grade Level When Course Taken	Student's grade level at time of course.	000125
K12 Student	Academic Record	High School Diploma Distinction Type	The distinction of the diploma or credential that is awarded to a student in recognition of their completion of the curricular requirements.	000713
K12 Student	Academic Record	Marking Period	The name or description of the marking period (e.g., fall, first marking period).	000182
K12 Student	Academic Record	Mid Term Mark	Indicator of student performance at the mid-point of the marking period.	000183
K12 Student	Academic Record	Number of Credits Attempted	The number of credits that a student can earn for enrolling in and completing a given course.	000199
K12 Student	Academic Record	Number of Credits Earned	The number of credits a student earned for completing a given course.	000200
K12 Student	Academic Record	Grade Earned	A final indicator of student performance in a class as submitted by the instructor.	000124
K12 Student	Academic Record	Credit Type Earned	The type of credits or units of value awarded for the completion of a course.	000072
K12 Student	Academic Record	Cohort Description	A description of the student cohort.	000711
K12 Student	Academic Record	Course Repeat Code	Indicates that an academic course has been repeated by a student and how that repeat is to be computed in the student's academic grade average.	000065
K12 Student	Academic Record	Grade Value Qualifier	The scale of equivalents, if applicable, for grades awarded as indicators of performance in schoolwork. For example, numerical equivalents for letter grades used in determining a student's Grade Point Average (A=4, B=3, C=2, D=1 in a four-point system) or letter equivalents for percentage grades (90-100%=A, 80-90%=B, etc.)	000616

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Academic Record	Credits Attempted Cumulative	The cumulative number of credits a person attempts to earn by taking courses during his or her enrollment in the current school as well as those credits transferred from schools in which the person had been previously enrolled.	000073
K12 Student	Academic Record	Credits Earned Cumulative	The cumulative number of credits a person earns by completing courses or examinations during his or her enrollment in the current school as well as those credits transferred from schools in which the person had been previously enrolled.	000074
K12 Student	Academic Record	Grade Points Earned Cumulative	The cumulative number of grade points a person earns by successfully completing courses or examinations during his or her enrollment in the current school as well as those transferred from schools in which the person had been previously enrolled.	000130
K12 Student	Academic Record	Grade Point Average Cumulative	A measure of average performance in all courses taken by a person during his or her school career as determined for record-keeping purposes. This is obtained by dividing the total grade points received by the total number of credits attempted. This usually includes grade points received and credits attempted in his or her current school as well as those transferred from schools in which the person was previously enrolled.	000128
K12 Student	Academic Record	Grade Point Average Given Session	A measure of average performance in all courses taken by a person during a given session. This is obtained by dividing the total grade points received by the number of credits attempted for the same session.	000129
K12 Student	Academic Record	Student Class Rank	The academic rank of a student in relation to his or her graduating class (e.g., 1st, 2nd, 3rd).	000041
K12 Student	Academic Record	Total Number in Class	The total number of students in the student's graduating class.	000294
K12 Student	Academic Record	Class Ranking Date	The date class ranking was determined.	000042
K12 Student	Academic Record	Projected Graduation Date	The year and month the student is projected to graduate.	000226
K12 Student	Academic Record	Diploma or Credential Award Date	The month and year on which the diploma/credential is awarded to a student in recognition of his/her completion of the curricular requirements.	000081
K12 Student	Academic Record	High School Diploma Type	The type of diploma/credential that is awarded to a person in recognition of his/her completion of the curricular requirements.	000138
K12 Student	Academic Record	Academic Honors Type	A designation of the type of academic distinctions earned by or awarded to the student.	000004

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Academic Record	Honors Description	A description of the type of academic distinctions earned by or awarded to the person.	000150
K12 Student	Academic Record	Recognition for Participation or Performance in an Activity	The nature of recognition given to the student for accomplishments in a co-curricular, or extra-curricular activity.	000229
K12 Student	Academic Record	Career and Technical Education Completer	An indication of a student who reached a state-defined threshold of career and technical education and who attained a high school diploma or its recognized state equivalent or GED.	000036
K12 Student	Academic Record	End of Term Status	The nature of the student's progress at the end of a given school term.	000093
K12 Student	Academic Record	Included in Adequate Yearly Progress Calculation Indicator	An indicator of whether a proficiency score on the state assessment was included in the state's calculation of adequate yearly progress (AYP).	000576
K12 Student	Academic Record	Literacy Goal Met Status	The participant showed "significant learning gains" on measures of reading, the definition of which is determined at the State level.	000467
K12 Student	Academic Record	Literacy Post Test Status	The participant completed a literacy post-test.	000468
K12 Student	Academic Record	Literacy Pre Test Status	The participant completed a literacy pre-test.	000469
K12 Student	Academic Record	Postsecondary Enrollment Action	The action taken with respect to postsecondary enrollment by the student who graduated from the school, LEA or state in the past two years.	000586
K12 Student	Academic Record	Pre and Post Test Indicator	An indication of whether students took both a pre-test and a post-test to measure academic improvement.	000571
K12 Student	Academic Record	Pretest Results	The results of a pre-test in academic subjects.	000572
K12 Student	Academic Record	Proficiency Status	An indication of whether a student's scores were proficient.	000573
K12 Student	Academic Record	Progress Level	The amount of progress shown in academic subjects.	000561
K12 Student	Academic Record	Promotion Reason	The nature of the student's promotion or progress at the end of a given school term.	000530
K12 Student	Academic Record	Nonpromotion Reason	The primary reason as to why a staff member determined that a student should not be promoted (or be demoted).	000531
K12 Student	Academic Record	Graduation Rate Survey Cohort Year	The academic year in which a student entered as part of the GRS cohort.	000132

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Academic Record	Graduation Rate Survey Indicator	An indication of whether or not the student is in a GRS cohort; meaning the student began as a first-time, full-time, degree seeking student in the fall of a given year.	000133
K12 Student	Attendance	Number of Days in Attendance	The number of days a person is present when school is in session during a given reporting period.	000202
K12 Student	Attendance	Number of Days Absent	The number of days a person is absent when school is in session during a given reporting period.	000201
K12 Student	Attendance	Absent Attendance Category	The category that describes how the student spends his or her time not physically present on school grounds and not participating in instruction or instruction-related activities at an approved off-grounds location.	000599
K12 Student	Attendance	Attendance Event Type	The type of attendance event.	000601
K12 Student	Attendance	Daily Attendance Status	The status of a student's attendance during a given day while school is in session.	000076
K12 Student	Attendance	Present Attendance Category	The category that describes how the student spends his or her time when attending an instructional program approved by the state and/or school.	000600
K12 Student	Attendance	Student Attendance Rate	The number of school days during the regular school year (plus summer, if applicable, if part of implementing the restart, transformation, or turnaround model) the student attended school divided by the maximum number of days the student could have attended school during the regular school year.	000271
K12 Student	Attendance	Truant Status	An indication that a student is identified as a truant as defined by state rules.	000569
K12 Student	Assessment	Assessment Identifier	A unique number or alphanumeric code assigned to an assessment by a school, school system, a state, or other agency or entity. This may be the publisher identifier.	000364
K12 Student	Assessment	Identification System for Assessment	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an assessment.	000365
K12 Student	Assessment	Assessment Purpose	The reason for which an assessment is being conducted.	000026
K12 Student	Assessment	Assessment Title	The title or name of the assessment.	000028
K12 Student	Assessment	Assessment Academic Subject	The description of the academic content or subject area (e.g., arts, mathematics, reading, or a foreign language) being evaluated.	000021
K12 Student	Assessment	Assessment Administration Begin Date	The year, month and day on which an assessment administration began.	000022
K12 Student	Assessment	Assessment Administration End Date	The year, month and day on which an assessment administration ended.	000023
K12 Student	Assessment	Assessment Form Name	The name of a given assessment form.	000024

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Assessment	Assessment Form Number	The number of a given assessment form.	000366
K12 Student	Assessment	Grade Level when Assessed	The grade level of a student when assessed.	000126
K12 Student	Assessment	Instructional Recommendation	This provides the next steps for instruction for the student based upon the assessment results and student characteristics.	000370
K12 Student	Assessment	Assessment Level for which Designed	The typical grade or combination of grades for which an assessment is designed.	000177
K12 Student	Assessment	Assessment Participation Indicator	An indication of whether a student participated in an assessment.	000025
K12 Student	Assessment	Student Progress	Progress for a student on given learning standards or objectives. This can be represented in a percentage, narrative or any measure.	000414
K12 Student	Assessment	Response Status	The status of the response for a given item.	000405
K12 Student	Assessment	Assessment Accommodation Type	Any necessary type of accommodations needed for a given assessment.	000383
K12 Student	Assessment	Assessment Accommodation	The specific accommodation necessary for the administration of the assessment.	000385
K12 Student	Assessment	Assessment Score Scale Value	The value of the item based upon the specific analysis.	000394
K12 Student	Assessment	Student Growth	The difference between scores across two or more assessments that is used to indicate the student's progress over time in achieving the content measured by the examination.	000413
K12 Student	Assessment	Assessment Feedback	Feedback provided to the student from various sources.	000420
K12 Student	Assessment	Assessment Subtest Name	The name or title of the subtest.	000275
K12 Student	Assessment	Assessment Subtest Description	The description of the subtest (e.g., vocabulary, measurement, or geometry).	000274
K12 Student	Assessment	Pre and Post Test Indicator	An indication of whether students took both a pre-test and a post-test to measure academic improvement.	000571
K12 Student	Assessment	Pretest Results	The results of a pre-test in academic subjects.	000572
K12 Student	Assessment	Assessment Time	The overall time a student spent during the administration of an assessment.	000407
K12 Student	Assessment	Assessment Reason for Not Completing	Reasons why children with disabilities (IDEA) did not participate in nor receive a valid score on the state assessment	000540
K12 Student	Assessment	Progress Level	The amount of progress shown in academic subjects.	000561
K12 Student	Assessment	Proficiency Status	An indication of whether a student's scores were proficient.	000573

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Assessment	Assessment Score Results	A meaningful raw score or statistical expression of the performance of a person on an administration of an assessment. The results can be expressed as a number, percentile, range, level, etc. The score relates to all scored items or a sub test scoring one aspect of performance on the test.	000245
K12 Student	Assessment	Assessment Reporting Method	The method that the instructor of the class uses to report the performance and achievement of all students. It may be a qualitative method such as individualized teacher comments or a quantitative method such as a letter or a numerical grade. In some cases, more than one type of reporting method may be used.	000027
K12 Student	Assessment	Assessment Performance Level Name	The level of performance of students on an assessment.	000416
K12 Student	Assessment	Reason Not Tested	The primary reason a student is not tested.	000228
K12 Student	Assessment	Technology Literacy Status in 8th Grade	An indication of the technology literacy of 8th graders.	000566
K12 Student	Assessment	Literacy Assessment Administered Type	The type of literacy test administered.	000466
K12 Student	CTE	Program Participation Start Date	The year, month and day on which the person began to participate in a program.	000590
K12 Student	CTE	Program Participation Exit Date	The year, month and day on which the person ceased to participate in a program.	000591
K12 Student	CTE	Career and Technical Education Completer	An indication of a student who reached a state-defined threshold of career and technical education and who attained a high school diploma or its recognized state equivalent or GED.	000036
K12 Student	CTE	Career and Technical Education Concentrator	A student who enrolled in a threshold level of career and technical education. The threshold level is defined by the state and includes a sequence of courses that provides persons with the academic and technical knowledge and skills the persons use to prepare for further education and for careers in current or emerging employment sectors. Most states define a CTE concentrator as a student who has completed three (3) CTE courses, or has completed half (50%) of a sequence of a CTE program.	000037
K12 Student	CTE	Career and Technical Education Participant	A indication the student has earned credit in a CTE program area.	000592

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	CTE	Career and Technical Education Student Preparing for Nontraditional Fields	An indication that the CTE student is enrolled or has completed a CTE course in a nontraditional field (where one gender comprises less than 25 percent of the persons employed in those occupations or fields of work).	000593
K12 Student	CTE	Career and Technical Education Displaced Homemaker Indicator	A person who ; (A) (i) has worked primarily without remuneration to care for a home and family, and for that reason has diminished marketable skills; (ii) has been dependent on the income of another family member but is no longer supported by that income; or (iii) is a parent whose youngest dependent child will become ineligible to receive assistance under part A of title IV of the Social Security Act (42 U.S.C. 601 et seq.) not later than 2 years after the date on which the parent applies for assistance under such title; and (B) is unemployed or underemployed and is experiencing difficulty in obtaining or upgrading employment.	000084
K12 Student	CTE	Single Parents Including Single Pregnant Women	A student who, at some time during the school year, is either a pregnant female student who is unmarried; or a male or female student who is unmarried or legally separated from a spouse and has a minor child or children.	000580
K12 Student	Disability	IDEA Indicator	A person having intellectual disability; hearing impairment, including deafness; speech or language impairment; visual impairment, including blindness; serious emotional disturbance (hereafter referred to as emotional disturbance); orthopedic impairment; autism; traumatic brain injury; developmental delay; other health impairment; specific learning disability; deaf-blindness; or multiple disabilities and who, by reason thereof, receive special education and related services under the Individuals with Disabilities Education Act (IDEA) according to an Individualized Education Program (IEP), Individual Family Service Plan (IFSP), or service plan.	000151
K12 Student	Disability	Disability Status	An indication of whether a person is classified as disabled under the American's with Disability Act (ADA).	000577
K12 Student	Disability	Section 504 Status	Individuals with disabilities who are being provided with related aids and services under Section 504 of the Rehabilitation Act of 1973, as amended.	000249
K12 Student	Disability	Primary Disability Type	The major or overriding disability condition that best describes a person's impairment.	000218
K12 Student	Disability	Awaiting Initial IDEA Evaluation Status	Awaiting initial evaluation for special education programs and related services under the Individuals with Disabilities Education Act (IDEA).	000031

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Disability	IDEA Educational Environment for Early Childhood	The program in which children ages 3 through 5 attend and in which these children receive special education and related services.	000559
K12 Student	Disability	IDEA Educational Environment for School Age	The setting in which children ages 6 through 21, receive special education and related services.	000535
K12 Student	Discipline	Disciplinary Action	Identifies the consequences of an incident for the student(s) involved in an incident as perpetrator(s).	000488
K12 Student	Discipline	Disciplinary Action Start Date	The year, month and day on which a discipline action begins.	000083
K12 Student	Discipline	Disciplinary Action End Date	The year, month and day on which a discipline action ends.	000082
K12 Student	Discipline	Discipline Reason	The reason why the student was disciplined.	000545
K12 Student	Discipline	Duration of Disciplinary Action	The length, in school days, of the disciplinary action.	000511
K12 Student	Discipline	Educational Services After Removal	An indication of whether children (students) were provided educational services when removed from the regular school program for disciplinary reasons.	000578
K12 Student	Discipline	Full Year Expulsion	An expulsion with or without services for a period of one full year (i.e., 365 days).	000513
K12 Student	Discipline	Discipline Method for Firearms Incidents	The method used to discipline students who are not children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents.	000555
K12 Student	Discipline	IDEA Discipline Method for Firearms Incidents	The methods used to discipline students who are children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents.	000556
K12 Student	Discipline	Related to Zero Tolerance Policy	An indication of whether or not any of the disciplinary actions taken against a student were imposed as a consequence of state or local zero tolerance policies.	000512
K12 Student	Discipline	Shortened Expulsion	An expulsion with or without services that is shortened to a term of less than one year by the superintendent or chief administrator of a school district.	000514
K12 Student	Discipline	Discipline Method of Children with Disabilities	The type of suspension or expulsion used for the discipline of children with disabilities.	000538
K12 Student	Discipline	Discipline Action Length Difference Reason	The reason for the difference, if any, between the official and actual lengths of a student's disciplinary assignment.	000609
K12 Student	Discipline	IDEA Interim Removal	The type of interim removal from current educational setting experienced by children with disabilities (IDEA).	000541

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Discipline	IDEA Interim Removal Reason	The reasons why children with disabilities were unilaterally removed from their current educational placement to an interim alternative educational setting.	000539
K12 Student	Family	Other Name	Previous, alternate or other names or aliases associated with the person.	000206
K12 Student	Family	Other Name Type	The types of previous, alternate or other names for a person.	000634
K12 Student	Language	Language Type	An indication of the function and context in which a person uses a language to communicate.	000316
K12 Student	Language	Language Code	The code for the specific language or dialect that a person uses to communicate.	000317
K12 Student	Economically Disadvantaged	Eligibility Status for School Food Service Programs	An indication of a student's level of eligibility to participate in the National School Lunch Program for breakfast, lunch, snack, supper, and milk programs.	000092
K12 Student	Economically Disadvantaged	Economic Disadvantage Status	An indication that the student met the State criteria for classification as having an economic disadvantage.	000086
K12 Student	Homeless	Homelessness Status	Children and youth who lack a fixed, regular, and adequate nighttime residence. Homeless children and youth include: 1) children and youth who are sharing the housing of other persons due to loss of housing, economic hardship, or a similar reason; are living in motels, hotels, trailer parks, or camping grounds due to the lack of alternative adequate accommodations; are living in emergency or transitional shelters; are abandoned in hospitals; or are awaiting foster care placement; 2) children and youth who have a primary nighttime residence that is a public or private place not designed for or originally used as a regular sleeping accommodation for human beings; or 3) children and youths who are living in cars, parks, public spaces, abandoned buildings, substandard housing, bus or train stations, or similar settings. 4) migratory children who qualify as homeless because the children are living in circumstances described in the above. (See Section 103 of the McKinney Act for a more detailed description of this data element).	000149
K12 Student	Homeless	Homeless Primary Nighttime Residence	The primary nighttime residence of the students at the time the students are identified as homeless.	000146
K12 Student	Homeless	Homeless Served Indicator	An indication of whether homeless children and youth were served by a McKinney-Vento program in the state.	000147
K12 Student	Homeless	Homeless Unaccompanied Youth Status	An indication that homeless youths were unaccompanied by parents or legal guardians.	000148

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Immigrant	Title III Immigrant Status	An indication that the child is an immigrant according to the Title III of ESEA definition, meaning children who are aged 3 through 21; were not born in any state; and have not been attending one or more schools in any one or more States for more than 3 full academic years.	000291
K12 Student	Immigrant	Title III Immigrant Participation Status	An indication that an immigrant student participated in programs for immigrant children and youth funded under ESEA Title III Section 3114(d)(1) using funds reserved for immigrant education programs/activities.	000290
K12 Student	Immigrant	First Entry Date into a US School	The year, month and day of a person's initial enrollment into a United States school.	000529
K12 Student	Limited English Proficiency	Program Participation Exit Date	The year, month and day on which the person ceased to participate in a program.	000591
K12 Student	Limited English Proficiency	Program Participation Start Date	The year, month and day on which the person began to participate in a program.	000590
K12 Student	Limited English Proficiency	Limited English Proficiency Status	A person A) who are ages 3 through 21; (B) who are enrolled or preparing to enroll in an elementary school or a secondary school; (C ) (who are i, ii, or iii) (i) who were not born in the United States or whose native languages are languages other than English; (ii) (who are I and II) (I) who are a Native American or Alaska Native, or a native resident of the outlying areas; and (II) who come from an environment where languages other than English have a significant impact on their level of language proficiency; or (iii) who are migratory, whose native languages are languages other than English, and who come from an environment where languages other than English are dominant; and (D) whose difficulties in speaking, reading, writing, or understanding the English language may be sufficient to deny the individuals (who are denied i or ii or iii) (i) the ability to meet the state's proficient level of achievement on state assessments described in section 1111(b)(3); (ii) the ability to successfully achieve in classrooms where the language of instruction is English; or (iii) the opportunity to participate fully in society.	000180
K12 Student	Limited English Proficiency	Limited English Proficiency Exit Date	The year, month and day a student classified as limited English proficient exited the LEP program.	000570

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Limited English Proficiency	Perkins Limited English Proficiency Status	An indication that students have Limited English Proficiency according to the definition in the Carl D. Perkins Career and Technical Education Act of 2006, which is "a secondary student, an adult, or an out-of-school youth, who has limited ability in speaking, reading, writing, or understanding English language, and (a) whose native language is a language other than English, or (b) who lives in a family or community environment in which a language other than English is the dominant language.	000581
K12 Student	Limited English Proficiency	Title III Accountability Progress Status	An indication of the progress made by a student toward English proficiency.	000536
K12 Student	Limited English Proficiency	Title III Limited English Proficient Participation Status	An indication that a limited English proficient (LEP) student is served by an English language instruction educational program supported with Title III of ESEA funds.	000565
K12 Student	Migrant	Program Participation Start Date	The year, month and day on which the person began to participate in a program.	000590
K12 Student	Migrant	Program Participation Exit Date	The year, month and day on which the person ceased to participate in a program.	000591
K12 Student	Migrant	Multiple Birth Indicator	An indication that the person is a twin, triplet, etc.	000431
K12 Student	Migrant	Migrant Status	Persons who are, or whose parents or spouses are, migratory agricultural workers, including migratory dairy workers, or migratory fishers, and who, in the preceding 36 months, in order to obtain, or accompany such parents or spouses, in order to obtain, temporary or seasonal employment in agricultural or fishing work (A) have moved from one LEA to another; (B) in a state that comprises a single LEA, have moved from one administrative area to another within such LEA; or (C) reside in an LEA of more than 15,000 square miles, and migrate a distance of 20 miles or more to a temporary residence to engage in a fishing activity.	000189
K12 Student	Migrant	Birthdate Verification	The evidence by which a child's date of birth is confirmed.	000428
K12 Student	Migrant	Continuation of Services Reason	Reason why the student is being served under the continuation of services provision of the MEP.	000429
K12 Student	Migrant	Continuation of Services Status	An indication that migrant children are receiving instructional or support services under the continuation of services authority ESEA Title III Section 1304(e)(2)-(3).	000563
K12 Student	Migrant	Designated Graduation School Identifier	The NCES school identification number that identifies the school or facility from which a student expects to graduate.	000436

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Migrant	Immunization Record Flag	Indicates whether the school or MEP program has immunization records on file for the student.	000438
K12 Student	Migrant	Medical Alert Indicator	Alert indicator for a medical/health condition.	000439
K12 Student	Migrant	Migrant Education Program Eligibility Expiration Date	The year, month, and day on which the child is no longer eligible for the Migrant Education Program. This date should initially be a date equal to 36 months from the Qualifying Arrival Date to indicate the end of MEP eligibility or the student reaches 22 years of age, whichever comes first.	000430
K12 Student	Migrant	Migrant Education Program Enrollment Type	The type of school/migrant education project in which instruction and/or support services are provided.	000437
K12 Student	Migrant	Migrant Education Program Participation Status	An indicator of whether the student is served by a Migrant Education Program (MEP).	000185
K12 Student	Migrant	Migrant Education Program Project Based	Indicates the type of MEP project based on the location where the MEP services are held.	000440
K12 Student	Migrant	Migrant Education Program Services Type	The type of services received by participating migrant students in the migrant education program (MEP).	000186
K12 Student	Migrant	Migrant Prioritized for Services	An indication that a migratory child 1) is failing to meet, or most at risk of failing to meet, the state's challenging academic content standards and student academic achievement standards; and 2) has experienced interruptions in their education during the regular school year.	000562
K12 Student	Migrant	Migrant Student Qualifying Arrival Date	The qualifying arrival date (QAD) is the month, date, and year that the child completed a move with his or her parent to enable the parent to find qualifying employment. In some cases, the child and worker may not always move together, in which case the QAD would be the date that the child joins the worker who has already moved, or the date the worker joins the child who has already moved. The QAD is the date the child's eligibility for the Migrant Education Program begins.	000432
K12 Student	Migrant	Last Qualifying Move Date	The year, month and day of the last qualifying move of a migrant student.	000171
K12 Student	Migrant	Qualifying Move From City	The name of the city in which the child resided prior to the qualifying move.	000433
K12 Student	Migrant	Qualifying Move From Country	The abbreviation code for a country (other than the US) area in which the child resided prior to the qualifying move.	000434
K12 Student	Migrant	Qualifying Move From State	The postal abbreviation code for a state (within the United States) or outlying area in which the child resided prior to the qualifying move.	000435
K12 Student	Neglected or Delinquent	Program Participation Exit Date	The year, month and day on which the person ceased to participate in a program.	000591

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Neglected or Delinquent	Program Participation Start Date	The year, month and day on which the person began to participate in a program.	000590
K12 Student	Neglected or Delinquent	Neglected or Delinquent Status	An indication that the student is participating in programs for neglected or delinquent students (N or D) under Title I, Part D, Subpart 1 (state agencies) of ESEA as amended by NCLB.	000193
K12 Student	Neglected or Delinquent	Neglected or Delinquent Academic Achievement Indicator	Student was served by Title I, Part D, Subpart 1 of ESEA as amended for at least 90 consecutive days during the reporting period who took both a pre- and post-test.	000635
K12 Student	Neglected or Delinquent	Neglected or Delinquent Academic Outcome Indicator	Student was served by Title I, Part D, Subpart 2 of ESEA as amended for at least 90 consecutive days during the reporting period who took both a pre- and post-test.	000636
K12 Student	Neglected or Delinquent	Neglected or Delinquent Obtained Employment	An indication that a Neglected or Delinquent student obtained employment.	000484
K12 Student	Neglected or Delinquent	Neglected or Delinquent Program Type	The type of program under ESEA Title I, Part D, Subpart 1 (state programs) or Subpart 2 (LEA).	000194
K12 Student	Program	Program Participation Exit Date	The year, month and day on which the person ceased to participate in a program.	000591
K12 Student	Program	Program Participation Start Date	The year, month and day on which the person began to participate in a program.	000590
K12 Student	Program	Program Exit Reason	The documented or assumed reason a student is no longer being served by a special program.	000222
K12 Student	Special Education	Program Participation Start Date	The year, month and day on which the person began to participate in a program.	000590
K12 Student	Special Education	Program Participation Exit Date	The year, month and day on which the person ceased to participate in a program.	000591
K12 Student	Special Education	Special Education Exit Reason	The reason children who were in special education at the start of the reporting period, but were not in special education at the end of the reporting period.	000260
K12 Student	Special Education	Special Education Services Exit Date	The year, month and day a child with disabilities (IDEA) ages 14 through 21 exited special education.	000263
K12 Student	Title I	Program Participation Exit Date	The year, month and day on which the person ceased to participate in a program.	000591
K12 Student	Title I	Program Participation Start Date	The year, month and day on which the person began to participate in a program.	000590

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Student	Title I	Title I Indicator	An indication that the student is participating in and served by programs under Title I, Part A of ESEA as amended.	000281
K12 Student	Title I	School Choice Transfer Status	An indication of whether an eligible student transferred to the school under the provisions for public school choice in accordance with Title I, Part A, Section 1116 of ESEA as amended.	000237
K12 Student	Title I	School Choice Applied for Transfer Status	An indication that a student applied to transfer in the current year (regardless of whether the student transferred), OR previously applied and transferred under the public school choice provisions and continue to attend the transfer school in the current year.	000235
K12 Student	Title I	School Choice Eligible for Transfer Status	An indication the student is eligible to transfer for the current school year under the public school choice provisions or who applied and transferred in the current school year under the public school choice provisions or previously applied and transferred under the public school choice provisions and continue to attend the transfer school in the current year.	000236
K12 Student	Title I	Title I School Supplemental Services Applied Status	An indication of whether an eligible student applied/requested to receive supplemental educational services under Title I, Part A, Section 1116 of ESEA as amended during the school year.	000286
K12 Student	Title I	Title I School Supplemental Services Eligible Status	An indication of whether a student is eligible to receive supplemental educational services during the school year in accordance with Title I, Part A, Section 1116 of ESEA as amended.	000287
K12 Student	Title I	Title I School Supplemental Services Received Status	An indication of whether an eligible student received supplemental educational services during the school year in accordance with Title I, Part A, Section 1116 of ESEA as amended.	000288
K12 Student	Title I	Title I Schoolwide Program Participation	An indication that the student participates in and is served by a schoolwide program (SWP) under Title I of ESEA, Part A, Sections 1114.	000550
K12 Student	Title I	Title I Schoolwide Program Participation	An indication that the student participates in and is served by a schoolwide program (SWP) under Title I of ESEA, Part A, Sections 1114.	000550
K12 Student	Title I	Title I Targeted Assistance Participation	An indication that the student participates in and is served by a targeted assistance (TAS) program under Title I of ESEA, Part A, Sections 1115.	000551
K12 Staff	Identity	First Name	The full legal first name given to a person at birth, baptism, or through legal change.	000115
K12 Staff	Identity	Middle Name	A full legal middle name given to a person at birth, baptism, or through legal change.	000184
K12 Staff	Identity	Last or Surname	The full legal last name borne in common by members of a family.	000172

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Staff	Identity	Generation Code or Suffix	An appendage, if any, used to denote a person's generation in his family (e.g., Jr., Sr., III).	000121
K12 Staff	Identity	Personal Title or Prefix	An appellation, if any, used to denote rank, placement, or status (e.g., Mr., Ms., Reverend, Sister, Dr., Colonel).	000212
K12 Staff	Identity	Other Name Type	The types of previous, alternate or other names for a person.	000634
K12 Staff	Identity	Other Name	Previous, alternate or other names or aliases associated with the person.	000206
K12 Staff	Identity	Social Security Number	The nine-digit number of identification assigned to the person by the Social Security Administration.	000259
K12 Staff	Identity	Staff Member Identifier	A unique number or alphanumeric code assigned to a staff member by a school, school system, a state, or other agency or entity.	000364
K12 Staff	Identity	Identification System for Staff Member	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a staff member.	000365
K12 Staff	Identity	Personal Information Verification	The evidence by which a persons name, address, date of birth, etc. is confirmed.	000618
K12 Staff	Demographic	Sex	The concept describing the biological traits that distinguish the males and females of a species.	000255
K12 Staff	Demographic	Birthdate	The year, month and day on which a person was born.	000033
K12 Staff	Demographic	American Indian or Alaska Native	A person having origins in any of the original peoples of North and South America (including Central America), and who maintains cultural identification through tribal affiliation or community attachment.	000016
K12 Staff	Demographic	Asian	A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent. This area includes, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.	000020
K12 Staff	Demographic	Black or African American	A person having origins in any of the black racial groups of Africa.	000034
K12 Staff	Demographic	Native Hawaiian or Other Pacific Islander	A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.	000192
K12 Staff	Demographic	White	A person having origins in any of the original peoples of Europe, Middle East, or North Africa.	000301
K12 Staff	Demographic	Hispanic or Latino Ethnicity	An indication that the person traces his or her origin or descent to Mexico, Puerto Rico, Cuba, Central and South America, and other Spanish cultures, regardless of race.	000144
K12 Staff	Contact	Address Type for Staff	The address type for a staff member.	000722
K12 Staff	Contact	Address Street Number and Name	The street number and street name or post office box number of an address.	000269

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Staff	Contact	Address Apartment Room or Suite Number	The apartment, room, or suite number of an address.	000019
K12 Staff	Contact	Address City	The name of the city in which an address is located.	000040
K12 Staff	Contact	State Abbreviation	The abbreviation for the state (within the United States) or outlying area in which an address is located.	000267
K12 Staff	Contact	Address Postal Code	A number that identifies each postal delivery area in the United States used as a portion of an address.	000214
K12 Staff	Assignment	Local Education Agency Identifier	A unique number or alphanumeric code assigned to a local education agency by a school system, a state, or other agency or entity.	000364
K12 Staff	Assignment	Identification System for Local Education Agency	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a local education agency.	000365
K12 Staff	Assignment	School Identifier	A unique number or alphanumeric code assigned to an institution by a school, school system, a state, or other agency or entity.	000364
K12 Staff	Assignment	Identification System for School	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an institution.	000365
K12 Staff	Assignment	Teaching Assignment Start Date	The year, month and day on which a teaching assignment begins.	000645
K12 Staff	Assignment	Teaching Assignment End Date	The year, month and day on which a teaching assignment ends.	000646
K12 Staff	Assignment	Education Staff Classification	The titles of employment, official status, or rank of education staff.	000087
K12 Staff	Assignment	Staff Full Time Equivalency	The ratio between the hours of work expected in a position and the hours of work normally expected in a full-time position in the same setting.	000118
K12 Staff	Assignment	Primary Assignment Indicator	An indication of whether the assignment is this the staff member's primary assignment.	000525
K12 Staff	Assignment	Assignment Start Date	The year, month and day from which the assignment is valid.	000526
K12 Staff	Assignment	Assignment End Date	The last year, month and day on which the assignment is valid.	000527
K12 Staff	Assignment	Classroom Position Type	The type of position the staff member holds in the specific class/section.	000622
K12 Staff	Assignment	Itinerant Teacher	An indication of whether a teacher provides instruction in more than one instructional site.	000528
K12 Staff	Assignment	Migrant Education Program Staff Category	Titles of employment, official status, or rank of staff working in the Migrant Education Program (MEP).	000188

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Staff	Assignment	Professional Educational Job Classification	A general job classification that describes staff that performs duties requiring a high degree of knowledge and skills generally acquired through at least a baccalaureate degree (or its equivalent obtained through special study and/or experience) including skills in the field of education, educational psychology, educational social work, or an education therapy field.	000220
K12 Staff	Assignment	Special Education Age Group Taught	The age range of special education students taught.	000564
K12 Staff	Assignment	Special Education Paraprofessional	An indication of whether a paraprofessional is employed or contracted to work with children with disabilities who are ages 3 through 21.	000261
K12 Staff	Assignment	Special Education Related Services Personnel	An indication of whether a related services person is employed or contracted to work with children with disabilities who are ages 3 through 21.	000262
K12 Staff	Assignment	Special Education Staff Category	Titles of personnel employed and contracted to provide related services for children with disabilities.	000558
K12 Staff	Assignment	Special Education Teacher	An indication of whether a teacher is employed or contracted to work with children with disabilities who are ages 3 through 21.	000264
K12 Staff	Assignment	Title I Program Staff Category	Titles of employment, official status, or rank for staff working in a Title I program.	000283
K12 Staff	Credential	Program Sponsor Type	An indication of the type of organization or institution responsible for sponsoring a person seeking alternative credentialing from a state agency.	000716
K12 Staff	Credential	Credential Type	An indication of the category of credential a person holds.	000071
K12 Staff	Credential	Teaching Credential Type	An indication of the category of a legal document giving authorization to perform teaching assignment services.	000278
K12 Staff	Credential	Teaching Credential Basis	An indication of the pre-determined criteria for granting the teaching credential that a person holds.	000277
K12 Staff	Credential	Credential Issuance Date	The year, month and day on which an active credential was issued to a person.	000070
K12 Staff	Credential	Credential Expiration Date	The year, month and day on which an active credential held by a person will expire.	000069
K12 Staff	Credential	Years of Prior Teaching Experience	The total number of years that a person has previously held a teaching position in one or more education institutions.	000302
K12 Staff	Credential	Highest Level of Education Completed	The extent of formal instruction a person has received (e.g., the highest grade in school completed or its equivalent or the highest degree received).	000141
K12 Staff	Credential	Highly Qualified Teacher Indicator	An indication that the teacher has been classified as highly qualified based on assignment.	000142

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Staff	Credential	Paraprofessional Qualification Status	An indication of whether paraprofessionals are classified as qualified for their assignment according to state definition.	000207
K12 Staff	Employment	Position Title	The descriptive name of a person's position.	000213
K12 Staff	Employment	Hire Date	The year, month and day on which a person was hired for a position, or consecutive positions within the same organization and job classification.	000143
K12 Staff	Employment	Contract Days of Service per Year	The number of days per year that a person is expected to work as outlined specifically in his or her employment agreement.	000047
K12 Staff	Employment	Employment Separation Reason	The primary reason for the termination of the employment relationship.	000620
K12 Staff	Employment	Employment Separation Type	A designation of the type of separation occurring between a person and the organization.	000621
K12 Staff	Employment	Employment Status	The condition under which a person has agreed to serve an employer.	000347
K12 Staff	Employment	Base Salary	The salary or wage a person is paid before deductions (excluding differentials) but including annuities.	000032
K12 Staff	Employment	Staff Compensation Health Benefits	Contributions made by the school district, municipal, state, and other government agencies for the teacher's health insurance, prorated to the specific school indicated on the record (does not include contributions made by the teacher).	000136
K12 Staff	Employment	Staff Compensation Other Benefits	All other benefits (excluding retirement and health insurance) paid by the school district, municipal, state, and other government agencies for the teacher, prorated to the specific school indicated on the record (does not include contributions made by the teacher).	000205
K12 Staff	Employment	Retirement Benefits	Contributions made by the school district, municipal, state, and other government agencies toward the teacher's retirement plan, prorated to the specific school indicated on the record (does not include contributions made by the teacher).	000233
K12 Staff	Employment	Salary For Teaching Assignment Only Indicator	Indicator to determine whether the teacher's base salary includes pay for teaching assignments alone.	000234
K12 Staff	Employment	Total Benefits	Sum of retirement, health, and all other benefits, or total benefits paid by the school district, municipal, state, and other government agencies, prorated to the specific school indicated on the record.	000293
K12 Staff	Employment	Total Salary	Total salary paid to the teacher at the specific school indicated on the record in the school year specified on the record.	000295

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Staff	Employment	Migrant Education Program Personnel Indicator	An indication that a staff member's salary is paid by the Title I, Part C Migrant Education Program (MEP) of ESEA as amended.	000543
K12 Staff	Employment	Title I Targeted Assistance Staff Funded	An indication that a staff member is targeted assistance (TAS) program staff funded by Title I, Part A, Section 1115 of ESEA as amended.	000552
K12 Staff	Professional Development	Staff Evaluation Outcome	The result of an assessment of a person's performance.	000102
K12 Staff	Professional Development	Staff Evaluation Scale	The quantitative or qualitative range of possible scores/rating for a person's performance (e.g., 0 - 10; Poor, Fair, Average, Good, Excellent).	000103
K12 Staff	Professional Development	Staff Evaluation Score or Rating	The actual quantitative or qualitative assessment of a person's performance.	000104
K12 Staff	Professional Development	Staff Evaluation System	The instrument and/or set of procedures with which a person's performance is assessed.	000105
K12 Staff	Professional Development	Faculty and Administration Performance Level	The levels used in district evaluation systems for assigning teacher or principal performance ratings.	000589
K12 Staff	Professional Development	Technology Skills Standards Met	An indication that the person has achieved acceptable performance on a standards-based profile of technology user skills as defined by the state.	000546
K12 Staff	Attendance	Leave Event Type	The type of the leave event.	000624
Assessment	Instrument	Assessment Identifier	A unique number or alphanumeric code assigned to an assessment by a school, school system, a state, or other agency or entity. This may be the publisher identifier.	000364
Assessment	Instrument	Identification System for Assessment	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an assessment.	000365
Assessment	Instrument	Assessment Title	The title or name of the assessment.	000028
Assessment	Instrument	Assessment Type	The category of an assessment based on format and content.	000029
Assessment	Instrument	Assessment Academic Subject	The description of the academic content or subject area (e.g., arts, mathematics, reading, or a foreign language) being evaluated.	000021
Assessment	Instrument	Assessment Purpose	The reason for which an assessment is being conducted.	000026
Assessment	Instrument	Assessment Level for which Designed	The typical grade or combination of grades for which an assessment is designed.	000177
Assessment	Instrument	Assessment Objective	This is the objective that the assessment is measuring.	000382
Assessment	Instrument	Assessment Allotted Time	The number of minutes allotted for an overall assessment.	000408
Assessment	Instrument	Assessment Number of Items	The number of items on an assessment.	000399

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
Assessment	Instrument	Assessment Type Administered to Children With Disabilities	The types of assessments administered to children with disabilities.	000415
Assessment	Instrument	Assessment Content Standard Type	An indication as to whether an assessment conforms to a standard.	000605
Assessment	Instrument	Learning Standard Item	The learning standard to which the assessment is aligned.	000381
Assessment	Assessment Form	Assessment Form Name	The name of a given assessment form.	000024
Assessment	Assessment Form	Assessment Form Number	The number of a given assessment form.	000366
Assessment	Assessment Form	Assessment Secure Indicator	An indicator is the assessment is a secure assessment or not.	000384
Assessment	Assessment Form	Assessment Number of Items	The number of items on an assessment.	000399
Assessment	Assessment Item	Assessment Item Identifier	The identifier that uniquely identifies an assessment item.	000630
Assessment	Assessment Item	Assessment Item Type	The specific type of assessment item.	000390
Assessment	Assessment Item	Assessment Item Characteristic Type	The type of psychometric measure provided for assessment item.	000392
Assessment	Assessment Item	Assessment Item Characteristic Value	A psychometric measure provided for an assessment item.	000709
Assessment	Assessment Item	Assessment Item Response Choice Pattern	The distribution of responses for each choice in the assessment item.	000393
Assessment	Assessment Item	Assessment Item Allotted Time	The amount of time allotted for a specific item.	000403
Assessment	Assessment Item	Assessment Item Stem	The stem of the assessment item(s) and not the actual assessment item(s).	000400
Assessment	Assessment Item	Assessment Rubric Name	The name of the rubric that may be utilized for scoring an assessment - either machine or human.	000421
Assessment	Assessment Item	Assessment Rubric Identifier	An identifier assigned to a rubric.	000422
Assessment	Assessment Item	Assessment Item Maximum Score	The maximum number of points possible for the assessment item.	000707
Assessment	Assessment Item	Assessment Item Minimum Score	The minimum number of points possible for the assessment item.	000708
Assessment	Assessment Item	Assessment Rubric Reference	The location where the full rubric can be found.	000423

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
Assessment	Assessment Item	Assessment Item Difficulty	The percentage of students who answered the item correctly.	000391
Assessment	Assessment Item	Assessment Item Distractor Analysis	The analysis of the distractors provided for a specific assessment.	000398
Assessment	Assessment Item	Assessment Item Aid Set Used	A tool or aid set used while viewing the item. This can include things like a calculator, reference tools, etc.	000406
Assessment	Assessment Item	Assessment Item Correct Response	The correct response for the assessment item.	000608
Assessment	Assessment Item	Assessment Score Scale Minimum Value	The minimum value possible for the measurement.	000395
Assessment	Assessment Item	Assessment Score Scale Maximum Value	The maximum value for the measurement.	000396
Assessment	Assessment Item	Assessment Score Scale Optimal Value	The optimal value for this measurement.	000397
Assessment	Assessment Item	Assessment Item Response Time	The amount of time in seconds that a person spent responding to a given assessment item.	000402
Assessment	Assessment Administration	Assessment Administration Begin Date	The year, month and day on which an assessment administration began.	000022
Assessment	Assessment Administration	Assessment Administration End Date	The year, month and day on which an assessment administration ended.	000023
Assessment	Assessment Administration	Assessment Language	The language that the assessment is administered.	000371
Assessment	Assessment Administration	Assessment Platform	The platform with which the assessment was delivered to the student.	000386
Assessment	Assessment Administration	Assessment Administration Special Circumstance Type	This would be if an unusual event occurred during the administration of the assessment. This could include fire alarm, student became ill, etc.	000389
Assessment	Assessment Administration	Assessment Administrator Identifier	The unique identifier of the person overseeing the administration of an assessment. This is typically at a district or school level or at an administrator at a testing facility.	000410
Assessment	Assessment Administration	Assessment Location	The description of the place where an assessment is administered.	000597
Assessment	Assessment Administration	Assessment Accommodation	The specific accommodation necessary for the administration of the assessment.	000385
Assessment	Assessment Administration	Assessment Proctor Identifier	The unique identifier of the person overseeing the assessment in the setting. This could be the teacher, a paraprofessional or individual at a testing site.	000411

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
Assessment	Subtest	Assessment Subtest Identifier	A unique number or alphanumeric code assigned to an assessment subtest.	000367
Assessment	Subtest	Assessment Subtest Name	The name or title of the subtest.	000275
Assessment	Subtest	Assessment Subtest Abbreviation	The shortened name identifying the assessment for use in reference and/or reports.	000368
Assessment	Subtest	Assessment Subtest Version	The version of the subtest that is included for the assessment.	000388
Assessment	Subtest	Assessment Score Metric Type	The specific method used to report the performance and achievement of the assessment. This is the metric that is being used to derive the scores.	000369
Assessment	Subtest	Assessment Subtest Rules	A description of the rules to produce a student test/subtest score from for a grouping of student item scores.	000719
Assessment	Subtest	Assessment Subtest Title	The title for a grouping of student item scores with explicit rules to produce a student test/subtest score.	000720
Assessment	Assessment Section	Assessment Subtest Description	The description of the subtest (e.g., vocabulary, measurement, or geometry).	000274
Assessment	Assessment Section	Assessment Number of Items	The number of items on an assessment.	000399
Assessment	Performance Level	Assessment Performance Level Name	The level of performance of students on an assessment.	000416
Assessment	Performance Level	Assessment Performance Level Score Metric	The metric or scale used for score reporting.	000417
Assessment	Performance Level	Assessment Performance Level Minimum Cut Score	Lowest possible score for the performance level.	000418
Assessment	Performance Level	Assessment Performance Level Identifier	A unique number or alphanumeric code assigned to an assessment performance level.	000717
Assessment	Performance Level	Assessment Performance Level Short Name	A label representing the performance level appropriate for use on a report.	000718
Assessment	Performance Level	Assessment Performance Level Maximum Cut Score	Highest possible score for the performance level.	000419
Assessment	Performance Level	Scale Score 25th Percentile	Scale score at the 25th percentile.	000640
Assessment	Performance Level	Scale Score 50th Percentile	Scale score at the 50th percentile.	000641
Assessment	Performance Level	Scale Score 75th Percentile	Scale score at the 75th percentile.	000642

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Course	Identity	Course Identifier	The actual code that identifies the organization of subject matter and related learning experiences provided for the instruction of students.	000055
K12 Course	Identity	Course Code System	A system that is used to identify the organization of subject matter and related learning experiences provided for the instruction of students.	000056
K12 Course	Identity	Course Title	The descriptive name given to a course of study offered in a school or other institution or organization. In departmentalized classes at the elementary, secondary, and postsecondary levels (and for staff development activities), this refers to the name by which a course is identified (e.g., American History, English III). For elementary and other non-departmentalized classes, it refers to any portion of the instruction for which a grade or report is assigned (e.g., reading, composition, spelling, and language arts).	000067
K12 Course	Identity	Secondary Course Identifier	The five-digit SCED code and name of the course. The first two-digits of the code represent the Secondary Course Subject Area. These identifiers are fairly general but provide enough specificity to identify the course's topic and to distinguish it from other courses in that subject area.	000246
K12 Course	Characteristic	Course Description	A description of the content standards and goals covered in the course. Reference may be made to state or national content standards.	000517
K12 Course	Characteristic	Core Academic Course	The course meets the state definition of a core academic course.	000518
K12 Course	Characteristic	Secondary Course Subject Area	The intended major subject area of the secondary education course.	000248
K12 Course	Characteristic	Secondary Course Level	The secondary course's level of rigor.	000247
K12 Course	Characteristic	Available Carnegie Unit Credit	Measured in Carnegie units, the amount of credit available to a student who successfully meets the objectives of the course. A course meeting every day for one period of the school day over the span of a school year offers one Carnegie unit. A Carnegie unit is thus a measure of "seat time" rather than a measure of attainment of the course objectives.	000030
K12 Course	Characteristic	Sequence of Course	Where a specific course lies when it is part of a consecutive sequence of courses. This element should be interpreted as "part 'n' of 'm' parts." (ex. if a school offers 4 years of Theater, Theater 3 within this school would be indicated in the sequence elements as 3 4, denoting the 3rd part of a 4-part sequence of courses).	000250
K12 Course	Characteristic	Course Level Characteristic	An indication of the general nature and difficulty of instruction provided throughout a course.	000061
K12 Course	Characteristic	High School Course Requirement	An indication that this course credit is required for a high school diploma.	000137

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Course	Characteristic	Additional Credit Type Awarded	The type of additional credits or units of value awarded for the completion of a course.	000596
K12 Course	Characteristic	Course Grade Point Average Applicability	An indicator of whether or not this course being described is included in the computation of the student's Grade Point Average, and if so, if it weighted differently from regular courses.	000060
K12 Course	Characteristic	Aligned with State Standards	An indication whether a course is aligned with the state's standards.	000013
K12 Course	Characteristic	Prior to Secondary Course Identifier	The five-digit SCED code and name of the course. The first two-digits of the code represent the Prior to Secondary Course Subject Area. Courses within a Subject Area are distinguished by a three-digit code. The codes carry no meaning within themselves. These identifiers are fairly general but provide enough specificity to identify the course's topic and to distinguish it from other courses in that subject area.	000090
K12 Course	Characteristic	Curriculum Framework Type	An indication of the standard curriculum used for this course.	000712
K12 Course	Characteristic	Instruction Language	The language of instruction, other than English, used in the program or course.	000448
K12 Section	Directory	Session Begin Date	The year, month and day on which a session begins.	000251
K12 Section	Directory	Session End Date	The year, month and day on which a session ends.	000253
K12 Section	Directory	Session Designator	The academic session for which the data are recorded and applicable.	000252
K12 Section	Directory	Session Type	A prescribed span of time when an education institution is open, instruction is provided, and students are under the direction and guidance of teachers and/or education institution administration. A session may be interrupted by one or more vacations.	000254
K12 Section	Directory	Class Beginning Time	An indication of the time of day the class begins.	000519
K12 Section	Directory	Class Ending Time	An indication of the time of day the class ends.	000520
K12 Section	Directory	Class Meeting Days	The day(s) of the week (e.g., Monday, Wednesday) that the class meets or an indication that a class meets "out-of-school" or "self-paced".	000521
K12 Section	Directory	Class Period	An indication of the portion of a typical daily session in which students receive instruction in a specified subject (e.g., morning, sixth period, block period, or AB schedules).	000522
K12 Section	Directory	Timetable Day Identifier	The unique identifier for the locally defined rotation cycle date code when the class meets (e.g., in a two day schedule, valid values could be "A" and "B", or "1" and "2").	000523

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Section	Directory	Receiving Location of Instruction	The type of location at which instruction or service takes place.	000524
K12 Section	Directory	Estimated Time Element	The actual or estimated number of clock minutes required for class completion. This number is especially important for career and technical education classes and may represent (in minutes) the clock hour requirement of the class, the number of minutes (or clock hours) of class time per week, and/or the number of equivalent weeks the class typically meets.	000101
K12 Section	Directory	Instruction Language	The language of instruction, other than English, used in the program or course.	000448
K12 Section	Directory	Single Sex Class Status	Class in a co-educational school where only male or only female students are permitted to take the class.	000258
K12 Section	Directory	Classroom Identifier	A unique number or alphanumeric code assigned to a room by a school, school system, state, or other agency or entity.	000364
K12 Section	Course	Course Identifier	The actual code that identifies the organization of subject matter and related learning experiences provided for the instruction of students.	000055
K12 Section	Course	Course Code System	A system that is used to identify the organization of subject matter and related learning experiences provided for the instruction of students.	000056
K12 Section	Course	Course Title	The descriptive name given to a course of study offered in a school or other institution or organization. In departmentalized classes at the elementary, secondary, and postsecondary levels (and for staff development activities), this refers to the name by which a course is identified (e.g., American History, English III). For elementary and other non-departmentalized classes, it refers to any portion of the instruction for which a grade or report is assigned (e.g., reading, composition, spelling, and language arts).	000067
K12 Section	Course	Secondary Course Level	The secondary course's level of rigor.	000247
K12 Section	Course	Secondary Course Identifier	The five-digit SCED code and name of the course. The first two-digits of the code represent the Secondary Course Subject Area. These identifiers are fairly general but provide enough specificity to identify the course's topic and to distinguish it from other courses in that subject area.	000246
K12 Section	Course	Secondary Course Subject Area	The intended major subject area of the secondary education course.	000248

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Section	Course	Prior to Secondary Course Identifier	The five-digit SCED code and name of the course. The first two-digits of the code represent the Prior to Secondary Course Subject Area. Courses within a Subject Area are distinguished by a three-digit code. The codes carry no meaning within themselves. These identifiers are fairly general but provide enough specificity to identify the course's topic and to distinguish it from other courses in that subject area.	000090
K12 Section	Course	Available Carnegie Unit Credit	Measured in Carnegie units, the amount of credit available to a student who successfully meets the objectives of the course. A course meeting every day for one period of the school day over the span of a school year offers one Carnegie unit. A Carnegie unit is thus a measure of "seat time" rather than a measure of attainment of the course objectives.	000030
K12 Section	Course	Sequence of Course	Where a specific course lies when it is part of a consecutive sequence of courses. This element should be interpreted as "part 'n' of 'm' parts." (ex. if a school offers 4 years of Theater, Theater 3 within this school would be indicated in the sequence elements as 3 4, denoting the 3rd part of a 4-part sequence of courses).	000250
K12 Section	Course	Course Level Characteristic	An indication of the general nature and difficulty of instruction provided throughout a course.	000061
K12 Section	Course	High School Course Requirement	An indication that this course credit is required for a high school diploma.	000137
K12 Section	Course	Course Grade Point Average Applicability	An indicator of whether or not this course being described is included in the computation of the student's Grade Point Average, and if so, if it weighted differently from regular courses.	000060
K12 Section	Course	Aligned with State Standards	An indication whether a course is aligned with the state's standards.	000013
K12 Section	Course	Credit Type Earned	The type of credits or units of value awarded for the completion of a course.	000072
K12 Section	Course	Related Learning Standards	An indication of the state or local standard(s) addressed in the Class Section.	000231
K12 Section	Enrollment	Student Identifier	A unique number or alphanumeric code assigned to a student by a school, school system, a state, or other agency or entity.	000364
K12 Section	Enrollment	Identification System for Student	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a student.	000365
K12 Section	Enrollment	Entry Date	The month, day, and year on which a person enters and begins to receive instructional services in a school, institution, program, or class-section during a given session.	000097

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Section	Enrollment	Class Section Entry Type	The process by which a student enters a school (Class Section) during a given academic session.	000650
K12 Section	Enrollment	Class Section Exit Type	The circumstances under which the student exited from membership in a class section.	000652
K12 Section	Enrollment	Exit or Withdrawal Status	An indication as to whether an instance of student exit/withdrawal is considered to be of a permanent or temporary nature.	000108
K12 Section	Enrollment	Class Section Exit Withdrawal Date	The year, month and day of the first day after the date of a person's last enrollment in a class section.	000651
K12 Section	Enrollment	Grade Level When Course Taken	Student's grade level at time of course.	000125
K12 Section	Enrollment	Marking Period	The name or description of the marking period (e.g., fall, first marking period).	000182
K12 Section	Enrollment	Mid Term Mark	Indicator of student performance at the mid-point of the marking period.	000183
K12 Section	Enrollment	Number of Days in Attendance	The number of days a person is present when school is in session during a given reporting period.	000202
K12 Section	Enrollment	Number of Credits Attempted	The number of credits that a student can earn for enrolling in and completing a given course.	000199
K12 Section	Enrollment	Number of Credits Earned	The number of credits a student earned for completing a given course.	000200
K12 Section	Enrollment	Number of Days Absent	The number of days a person is absent when school is in session during a given reporting period.	000201
K12 Section	Enrollment	Grade Earned	A final indicator of student performance in a class as submitted by the instructor.	000124
K12 Section	Enrollment	Grade Value Qualifier	The scale of equivalents, if applicable, for grades awarded as indicators of performance in schoolwork. For example, numerical equivalents for letter grades used in determining a student's Grade Point Average (A=4, B=3, C=2, D=1 in a four-point system) or letter equivalents for percentage grades (90-100%=A, 80-90%=B, etc.)	000616
K12 Section	Staff	Staff Member Identifier	A unique number or alphanumeric code assigned to a staff member by a school, school system, a state, or other agency or entity.	000364
K12 Section	Staff	Identification System for Staff Member	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a staff member.	000365
K12 Section	Staff	Assignment Start Date	The year, month and day from which the assignment is valid.	000526
K12 Section	Staff	Assignment End Date	The last year, month and day on which the assignment is valid.	000527
K12 Section	Staff	Teacher of Record	Staff member who has a Teacher of Record responsibility for a Class Section based upon the state's definition of Teacher of Record.	000647

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
K12 Section	Staff	Teaching Assignment Role	The role that the Staff Member has been assigned for a Class Section. (A teacher may have the lead responsibility for one section and serve a supporting role for another section of the same course.)	000648
K12 Section	Staff	Teaching Assignment Contribution Percentage	A percentage used to weight the educator's assigned responsibility for student learning in a Class Section, particularly when more than one educator is assigned to the class section.	000649
Program	Identity	Program Identifier	A unique number or alphanumeric code assigned to a program by a school, school system, a state, or other agency or entity.	000625
Program	Identity	Program Name	The name of the program of instruction, training, services or benefits available through federal, state, or local agencies.	000626
Incident	Instance	Incident Identifier	A locally assigned unique identifier (within the school or school district) to identify each specific incident or occurrence. The same identifier should be used to document the entire incident even if it included multiple offenses and multiple offenders.	000501
Incident	Instance	Incident Date	The year, month and day on which the incident occurred.	000502
Incident	Instance	Incident Time	An indication of the time of day the incident took place.	000503
Incident	Instance	Incident Time Description Code	A code for the description of the time of day that an incident took place.	000515
Incident	Instance	Incident Location	Identifies where the incident occurred and whether or not it occurred on campus.	000617
Incident	Instance	Incident Description	The description for an incident.	000508
Incident	Instance	Incident Behavior	Categories of behavior coded for use in describing an incident.	000509
Incident	Instance	Incident Cost	The value of any quantifiable monetary loss directly resulting from the incident. Examples include the value of repairs necessitated by vandalism of a school facility, the value of personnel resources used for repairs or consumed by the incident, the value of stolen items, and the value of time consumed by an incident (e.g., instructional time involved in evacuating a school during a false fire alarm). Cost may be reported by specific monetary amount or range.	000505
Incident	Instance	Incident Injury Type	An indication of the occurrence of physical injury to participants involved in the incident and, if so, the level of injury sustained.	000510
Incident	Instance	Incident Reporter Type	Information on the type of person who reported the incident. When known and/or if useful, use a more specific option code (e.g., "Counselor" rather than "Professional Staff").	000506

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
Incident	Instance	Disciplinary Action Start Date	The year, month and day on which a discipline action begins.	000083
Incident	Instance	Disciplinary Action End Date	The year, month and day on which a discipline action ends.	000082
Incident	Instance	Disciplinary Action	Identifies the consequences of an incident for the student(s) involved in an incident as perpetrator(s).	000488
Incident	Instance	Discipline Reason	The reason why the student was disciplined.	000545
Incident	Instance	Discipline Method for Firearms Incidents	The method used to discipline students who are not children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents.	000555
Incident	Instance	IDEA Discipline Method for Firearms Incidents	The methods used to discipline students who are children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents.	000556
Incident	Instance	Firearm Type	The type of firearm.	000557
Incident	Instance	Discipline Action Length Difference Reason	The reason for the difference, if any, between the official and actual lengths of a student's disciplinary assignment.	000609
Incident	Instance	Secondary Incident Behavior	Supplemental information about an incident when the primary offense is more serious in nature than alcohol or drug, etc. offenses.	000627
Incident	Instance	IDEA Interim Removal	The type of interim removal from current educational setting experienced by children with disabilities (IDEA).	000541
Incident	Instance	IDEA Interim Removal Reason	The reasons why children with disabilities were unilaterally removed from their current educational placement to an interim alternative educational setting.	000539
Incident	Instance	Shortened Expulsion	An expulsion with or without services that is shortened to a term of less than one year by the superintendent or chief administrator of a school district.	000514
Incident	Instance	Educational Services After Removal	An indication of whether children (students) were provided educational services when removed from the regular school program for disciplinary reasons.	000578
Incident	Instance	Reporter Identifier	Identifies the reporter of the incident using a pre-existing unique student identifier or unique staff identifier, when the reporter is a student or staff member.	000507
Incident	Instance	Duration of Disciplinary Action	The length, in school days, of the disciplinary action.	000511
Incident	Instance	Related to Zero Tolerance Policy	An indication of whether or not any of the disciplinary actions taken against a student were imposed as a consequence of state or local zero tolerance policies.	000512

Entity	Attribute category/ table	CEDS element name	CEDS definition	CEDS GUID
Incident	Instance	Full Year Expulsion	An expulsion with or without services for a period of one full year (i.e., 365 days).	000513
Calendar	Period	School Year	The year for a reported school session.	000243
Calendar	Period	Alternate Day Name	An alternate name used for the school day, typically used for the bell schedule (e.g., Blue day, Red day).	000598
Calendar	Period	Calendar Code	A unique number assigned by a school district to a school calendar.	000494
Calendar	Period	Calendar Description	A description or identification of the calendar.	000495
Calendar	Crisis	Crisis Code	A unique number or alphanumeric code used to identify a crisis. This code should be able to accommodate numerous crises within a single school year. It is associated with the displaced student identifier in order to link a crisis to a student who was displaced or otherwise affected by the event. If the same code values are to be used over multiple years, it is important to have enough crisis-specific items (e.g., school year, date/time) to keep the events unique over time.	000611
Calendar	Crisis	Crisis Name	The name of the crisis that caused the displacement of students.	000612
Calendar	Crisis	Crisis Type	The type or category of crisis (ex., chemical, earthquake, flood, wildfire, etc.).	000613
Calendar	Crisis	Crisis Start Date	The year, month and day on which the crisis affected the agency. This date may not be the same as the date the crisis occurred if evacuation orders are implemented in anticipation of a crisis.	000614
Calendar	Event	Calendar Event Type	The type of scheduled or unscheduled event that causes interruption in direct instruction.	000603
Parent/Guardian	Identity	First Name	The full legal first name given to a person at birth, baptism, or through legal change.	000115
Parent/Guardian	Identity	Middle Name	A full legal middle name given to a person at birth, baptism, or through legal change.	000184
Parent/Guardian	Identity	Last or Surname	The full legal last name borne in common by members of a family.	000172
Parent/Guardian	Identity	Generation Code or Suffix	An appendage, if any, used to denote a person's generation in his family (e.g., Jr., Sr., III).	000121
Parent/Guardian	Identity	Personal Title or Prefix	An appellation, if any, used to denote rank, placement, or status (e.g., Mr., Ms., Reverend, Sister, Dr., Colonel).	000212
Parent/Guardian	Identity	Person Relationship to Learner Type	The nature of the person's relationship to a learner. The learner may be an Early Learning Child, K12 Student, Postsecondary Student, or an adult learner in a workforce education program.	000425
Parent/Guardian	Identity	Person Relationship to Learner Qualifier Type	A qualifier used with the element Person Relationship to Learner Type to further define the nature of the person's relationship to a learner.	000721

**PS Domain**

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
PS Institution	Directory	Name of Institution	The full legally accepted name of the institution.	000721
PS Institution	Directory	Institution IPEDS UnitID	Unique identification number assigned to postsecondary institutions surveyed through the Integrated Postsecondary Education Data System (IPEDS). Also referred to as UNITID or IPEDS ID.	000191
PS Institution	Directory	Office of Postsecondary Education Identifier	Identification number used by the U.S. Department of Education's Office of Postsecondary Education (OPE) to identify schools that have Program Participation Agreements (PPA) so that its students are eligible to participate in Federal Student Financial Assistance programs under Title IV regulations. This is a 6-digit number followed by a 2-digit suffix used to identify branches, additional locations, and other entities that are part of the eligible institution.	000166
PS Institution	Directory	Federal School Code	A unique code assigned by the U.S. Department of Education to schools participating in the Title IV Federal Student Aid programs. Persons enter these codes in the Free Application for Federal Student Aid (FAFSA) to indicate which postsecondary schools they want to receive their financial aid application results.	000203
PS Institution	Directory	Level of Institution	A classification of whether a postsecondary institution's highest level of offering is a program of 4-years or higher (4 year), 2-but-less-than 4-years (2 year), or less than 2-years.	000111
PS Institution	Directory	Control of Institution	A classification of whether a postsecondary institution is operated by publicly elected or appointed officials (public control) or by privately elected or appointed officials and derives its major source of funds from private sources (private control).	000178
PS Institution	Directory	Carnegie Basic Classification	The Basic Classification is an update of the traditional classification framework developed by the Carnegie Commission on Higher Education in 1970 to support its research program, and later published in 1973 for use by other researchers.	000048
PS Institution	Directory	Session Designator	The academic session for which the data are recorded and applicable.	000038
PS Student	Identity	First Name	The full legal first name given to a person at birth, baptism, or through legal change.	000252
PS Student	Identity	Middle Name	A full legal middle name given to a person at birth, baptism, or through legal change.	000115

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
PS Student	Identity	Last or Surname	The full legal last name borne in common by members of a family.	000184
PS Student	Identity	Generation Code or Suffix	An appendage, if any, used to denote a person's generation in his family (e.g., Jr., Sr., III).	000172
PS Student	Identity	Personal Title or Prefix	An appellation, if any, used to denote rank, placement, or status (e.g., Mr., Ms., Reverend, Sister, Dr., Colonel).	000121
PS Student	Identity	Other Name Type	The types of previous, alternate or other names for a person.	000212
PS Student	Identity	Other Name	Previous, alternate or other names or aliases associated with the person.	000634
PS Student	Identity	Social Security Number	The nine-digit number of identification assigned to the person by the Social Security Administration.	000206
PS Student	Identity	Student Identifier	A unique number or alphanumeric code assigned to a student by a school, school system, a state, or other agency or entity.	000259
PS Student	Application	Standardized Admission Test Type	The type of test prepared and administered by an agency that is independent of any postsecondary education institution and is typically used for admissions purposes. Tests provide information about prospective students and their academic qualifications relative to a national sample.	000364
PS Student	Application	Standardized Admission Test Score	The quantitative score on a standardized admission test reported to a postsecondary institution.	000266
PS Student	Demographic	Birthdate	The year, month and day on which a person was born.	000265
PS Student	Demographic	State of Residence	An person's permanent address as determined by such evidence as a driver's license or voter registration. For entering freshmen, state of residence may be the legal state of residence of a parent or guardian.	000033
PS Student	Demographic	Sex	The concept describing the biological traits that distinguish the males and females of a species.	000268
PS Student	Demographic	Hispanic or Latino Ethnicity	An indication that the person traces his or her origin or descent to Mexico, Puerto Rico, Cuba, Central and South America, and other Spanish cultures, regardless of race.	000255

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
PS Student	Demographic	American Indian or Alaska Native	A person having origins in any of the original peoples of North and South America (including Central America), and who maintains cultural identification through tribal affiliation or community attachment.	000144
PS Student	Demographic	Asian	A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent. This area includes, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.	000016
PS Student	Demographic	Black or African American	A person having origins in any of the black racial groups of Africa.	000020
PS Student	Demographic	Native Hawaiian or Other Pacific Islander	A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.	000034
PS Student	Demographic	White	A person having origins in any of the original peoples of Europe, Middle East, or North Africa.	000192
PS Student	Demographic	United States Citizenship Status	An indicator of whether or not the person is a US citizen.	000301
PS Student	Demographic	Visa Type	An indicator of a non-US citizen's Visa type.	000299
PS Student	Demographic	Cohort Exclusion	Those persons who may be removed (deleted) from a cohort (or subcohort). For the Graduation Rates and Fall Enrollment retention rate reporting, persons may be removed from a cohort if they left the institution for one of the following reasons: death or total and permanent disability; service in the armed forces (including those called to active duty); service with a foreign aid service of the federal government, such as the Peace Corps; or service on official church missions.	000196
PS Student	Demographic	Tuition Residency Type	A person's residency status for tuition purposes.	000106
PS Student	Demographic	Campus Residency Type	A person's residency arrangement as defined in the Free Application for Federal Student Aid (FAFSA).	000297
PS Student	Demographic	Dependency Status	A person's classification as dependent or independent with regards to eligibility for Title IV Federal Student aid.	000035
PS Student	Demographic	First Generation in College Status	An indication of the level of education of the student's parents.	000079

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
PS Student	Demographic	Limited English Proficiency - Postsecondary	The term "individual with limited English proficiency" means a secondary school student, an adult, or an out-of-school youth, who has limited ability in speaking, reading, writing, or understanding the English language AND whose native language is a language other than English; OR who lives in a family or community environment in which a language other than English is the dominant language.	000114
PS Student	Contact	Address Type for Learner	The type of address listed for a learner.	000179
PS Student	Contact	Address Street Number and Name	The street number and street name or post office box number of an address.	000010
PS Student	Contact	Address Apartment Room or Suite Number	The apartment, room, or suite number of an address.	000269
PS Student	Contact	Address City	The name of the city in which an address is located.	000019
PS Student	Contact	Address County Name	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located.	000040
PS Student	Contact	State Abbreviation	The abbreviation for the state (within the United States) or outlying area in which an address is located.	000190
PS Student	Contact	Address Postal Code	A number that identifies each postal delivery area in the United States used as a portion of an address.	000267
PS Student	Contact	Country Code	The unique two character International Organization for Standardization (ISO) code for the country in which an address is located.	000214
PS Student	Contact	Telephone Number	The telephone number including the area code, and extension, if applicable.	000050
PS Student	Contact	Telephone Number Type	The type of communication number listed for a person.	000279
PS Student	Contact	Primary Telephone Number Indicator	An indication that the telephone number should be used as the principal number for a person or organization.	000280
PS Student	Enrollment	Classification of Instructional Program Version	The version of CIP being reported.	000219

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
PS Student	Enrollment	Classification of Instructional Program Use	An indicator of whether the CIP Code is referencing an enrollment program or an award program.	000045
PS Student	Enrollment	Classification of Instructional Program Code	A six-digit code in the form xx.xxxx that identifies instructional program specialties within educational institutions.	000044
PS Student	Enrollment	Degree or Certificate Seeking Student	Person is enrolled in courses for credit and recognized by the institution as seeking a degree, certificate, or other formal award. High school students also enrolled in postsecondary courses for credit are not considered degree/certificate-seeking.	000043
PS Student	Enrollment	Program Length Hours	The normal length in credit/contact hours of a person's program as published in the institution's catalogue, website, or other official documents.	000078
PS Student	Enrollment	Program Length Hours Type	The type of hours (credit or contact) by which the normal length of a program of study is measured.	000223
PS Student	Enrollment	Normal Length of Time for Completion	The amount of time necessary for a person to complete all requirements for a degree or certificate according to the institution's catalog. This is typically 4 years (8 semesters or trimesters, or 12 quarters, excluding summer terms) for a bachelor's degree in a standard term-based institution; 2 years (4 semesters or trimesters, or 6 quarters, excluding summer terms) for an associate's degree in a standard term-based institution; and the various scheduled times for certificate programs.	000224
PS Student	Enrollment	Normal Length of Time for Completion Units	The unit of measurement for length of time for completion.	000197
PS Student	Enrollment	First Time Postsecondary Student	A person who has no prior postsecondary experience attending any institution for the first time at the undergraduate level since completing high school (or its equivalent). This includes persons enrolled in academic or occupational programs. It also includes persons enrolled in the fall term who attended college for the first time in the prior summer term, and persons who entered with advanced standing (college credits earned before graduation from high school).	000198

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
PS Student	Enrollment	Student Level	Classification of a person enrolling in credit-granting courses at a postsecondary institution since completing high school (or its equivalent) as either an undergraduate or graduate student.	000117
PS Student	Enrollment	Enrollment in Postsecondary Award Type	An indicator of the award level in which the person is currently enrolled.	000272
PS Student	Enrollment	Postsecondary Enrollment Type	An indicator of the enrollment type associated with the enrollment award level of a person at the beginning of a term.	000361
PS Student	Enrollment	Postsecondary Enrollment Status	An indication of the student's enrollment status for a particular term as defined by the institution	000095
PS Student	Enrollment	Entry Date into Postsecondary	The year, month and day on which a person entered and began to receive instructional services at a postsecondary institution for the first time after completing high school (or its equivalent).	000096
PS Student	Enrollment	Exit Date	The year, month and day on which the student officially withdrew or graduated, i.e. the date on which the student's enrollment ended.	000098
PS Student	Enrollment	Initial Enrollment Term	The first registration term of a person enrolling in credit-granting courses at a postsecondary institution after completing high school (or its equivalent).	000107
PS Student	Enrollment	Transfer-ready	A person who has successfully completed a transfer-preparatory program as defined by the state or by the institution if no official state definition exists.	000165
PS Student	Enrollment	Instructional Activity Hours Type	The unit of measure of student instructional activity.	000296
PS Student	Enrollment	Instructional Activity Hours Attempted	The number of credit hours and/or contact hours attempted by a person during a term.	000169
PS Student	Enrollment	Instructional Activity Hours Completed	The number of credit hours and/or contact hours successfully completed by a person during a term.	000168

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
PS Student	Enrollment	Title IV Participant and Recipient	A person who receives Title IV aid. Title IV aid includes grant aid, work study aid, and loan aid such as: Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), Teacher Education Assistance for College and Higher Education (TEACH) Grant, Federal Work-Study, Federal Perkins Loan, Subsidized Direct or FFEL Stafford Loan, and Unsubsidized Direct or FFEL Stafford Loan. Title IV aid specifications are defined by the instructions for the IPEDS Student Financial Aid survey.	000362
PS Student	K12 Transcript	Identification System for Student	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a student.	000292
PS Student	K12 Transcript	Student Identifier	A unique number or alphanumeric code assigned to a student by a school, school system, a state, or other agency or entity.	000365
PS Student	K12 Transcript	Identification System for School	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an institution.	000364
PS Student	K12 Transcript	School Identifier	A unique number or alphanumeric code assigned to an institution by a school, school system, a state, or other agency or entity.	000365
PS Student	K12 Transcript	Name of Institution	The full legally accepted name of the institution.	000364
PS Student	K12 Transcript	County Federal Information Processing Standards Code	The Federal Information Processing Standards (FIPS) numeric code for the county issued by the National Institute of Standards and Technology (NIST). Counties are considered to be the "first-order subdivisions" of each State and statistically equivalent entity, regardless of their local designations (county, parish, borough, etc.). Counties in different States will have the same code. A unique county number is created when combined with the 2-digit FIPS State Code.	000191
PS Student	K12 Transcript	Identification System for Local Education Agency	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a local education agency.	000052
PS Student	K12 Transcript	Local Education Agency Identifier	A unique number or alphanumeric code assigned to a local education agency by a school system, a state, or other agency or entity.	000365
PS Student	K12 Transcript	Diploma or Credential Award Date	The month and year on which the diploma/credential is awarded to a student in recognition of his/her completion of the curricular requirements.	000364

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
PS Student	K12 Transcript	Grade Point Average Cumulative	A measure of average performance in all courses taken by a person during his or her school career as determined for record-keeping purposes. This is obtained by dividing the total grade points received by the total number of credits attempted. This usually includes grade points received and credits attempted in his or her current school as well as those transferred from schools in which the person was previously enrolled.	000081
PS Student	K12 Transcript	Grade Point Average Weighted Indicator	An indication of whether the reported GPA is weighted or unweighted.	000128
PS Student	K12 Transcript	High School Diploma Type	The type of diploma/credential that is awarded to a person in recognition of his/her completion of the curricular requirements.	000123
PS Student	K12 Transcript	Cohort Year	The school year in which the student entered the baseline group used for computing completion rates (e.g., high school, program).	000138
PS Student	Financial Aid	Financial Aid Award Status	An indication of whether the financial aid type being reported is aid that has been awarded, accepted or dispersed.	000046
PS Student	Financial Aid	Financial Aid Award Type	The classification of financial aid awarded to a person for the academic term/year.	000363
PS Student	Financial Aid	Financial Aid Award Amount	The amount of financial aid awarded to a person for the term/year.	000113
PS Student	Academic Record	Grade Point Average Cumulative	A measure of average performance in all courses taken by a person during his or her school career as determined for record-keeping purposes. This is obtained by dividing the total grade points received by the total number of credits attempted. This usually includes grade points received and credits attempted in his or her current school as well as those transferred from schools in which the person was previously enrolled.	000112
PS Student	Academic Record	Diploma or Credential Award Date	The month and year on which the diploma/credential is awarded to a student in recognition of his/her completion of the curricular requirements.	000128
PS Student	Academic Record	Dual Credit Dual Enrollment Credits Awarded	The number of credits awarded a student by the postsecondary institution based on successful completion of dual credit/dual enrollment courses.	000081
PS Student	Academic Record	Advance Placement Credits Awarded	The number of credits awarded a student by the postsecondary institution based on successful completion of advanced placement courses and/or advanced placement tests.	000085

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
PS Student	Academic Record	Academic Award Level Conferred	An indicator of the category of award conferred by a college, university, or other postsecondary education institution as official recognition for the successful completion of a program of study.	000018
PS Student	Academic Record	Academic Award Date	The year, month and day or year and month on which the academic award was conferred.	000002
PS Student	Academic Record	Academic Award Title	The descriptive title for the academic award.	000001
PS Student	Academic Record	Grade Point Average	The value of the total quality points divided by the Credit Hours for Grade Point Average.	000003
PS Section	Course	Course Subject Abbreviation	The alphabetic abbreviation of the academic department or discipline offering the course. It is one part of the total course identifier number.	000127
PS Section	Course	Course Identifier	The actual code that identifies the organization of subject matter and related learning experiences provided for the instruction of students.	000066
PS Section	Course	Course Level Characteristic	An indication of the general nature and difficulty of instruction provided throughout a course.	000055
PS Section	Course	Postsecondary Course Title	The name or title of the course taken by a student at an academic institution.	000061
PS Section	Course	Course Credit Units	The type of credit (unit, semester, or quarter) associated with the credit hours earned for the course.	000068
PS Section	Course	Course Credit Value	Measured in Carnegie units, the amount of credit available to a student who successfully meets the objectives of the course.	000057
PS Section	Course	Postsecondary Course Level	The level of work which is reflected in the credits associated with the academic course being described or the level of the typical student taking the academic course.	000058
PS Section	Course	Course Begin Date	The year, month and day an instance of a course officially began.	000215
PS Section	Course	Course End Date	The year, month and day an instance of a course ends.	000054
PS Section	Enrollment	Social Security Number	The nine-digit number of identification assigned to the person by the Social Security Administration.	000059
PS Section	Enrollment	Student Identifier	A unique number or alphanumeric code assigned to a student by a school, school system, a state, or other agency or entity.	000259

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
PS Section	Enrollment	Course Override School	The school where the credit was earned if different from the institution reporting.	000364
PS Section	Enrollment	Degree Applicability	An indication that the course is a part of a degree program.	000063
PS Section	Enrollment	Course Academic Grade	The final grade awarded for participation in the course.	000077
PS Section	Enrollment	Number of Credits Earned	The number of credits a student earned for completing a given course.	000053
PS Section	Enrollment	Course Quality Points Earned	The numerical value assigned to a letter grade to provide a basis of quantitative determination of an average.	000200

### Assessment Domain

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
Assessment	Identity	Assessment Identifier	A unique number or alphanumeric code assigned to an assessment by a school, school system, a state, or other agency or entity. This may be the publisher identifier.	000064
Assessment	Identity	Identification System for Assessment	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an assessment.	000364
Assessment	Identity	Assessment Title	The title or name of the assessment.	000365
Assessment	Identity	Assessment Type	The category of an assessment based on format and content.	000028
Assessment	Characteristic	Assessment Objective	This is the objective that the assessment is measuring.	000029
Assessment	Characteristic	Assessment Performance Level Score Metric	The metric or scale used for score reporting.	000382
Assessment	Characteristic	Assessment Performance Level Minimum Cut Score	Lowest possible score for the performance level.	000417
Assessment	Characteristic	Assessment Performance Level Maximum Cut Score	Highest possible score for the performance level.	000418
Assessment	Characteristic	Assessment Level for which Designed	The typical grade or combination of grades for which an assessment is designed.	000419
Assessment Administration	Administrator	Assessment Administrator Identifier	The unique identifier of the person overseeing the administration of an assessment. This is typically at a district or school level or at an administrator at a testing facility.	000177
Assessment Administration	Administrator	Assessment Proctor Identifier	The unique identifier of the person overseeing the assessment in the setting. This could be the teacher, a paraprofessional or individual at a testing site.	000410
Assessment Administration	Logistics	Assessment Allotted Time	The number of minutes allotted for an overall assessment.	000411
Assessment Administration	Logistics	Assessment Language	The language that the assessment is administered.	000408
Assessment Administration	Logistics	Assessment Location	The description of the place where an assessment is administered.	000371
Assessment Administration	Logistics	Assessment Platform	The platform with which the assessment was delivered to the student.	000597
Assessment Administration	Logistics	Assessment Secure Indicator	An indicator is the assessment is a secure assessment or not.	000386
Assessment Administration	Logistics	Assessment Administration Begin Date	The year, month and day on which an assessment administration began.	000384

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
Assessment Administration	Logistics	Assessment Administration End Date	The year, month and day on which an assessment administration ended.	000022
Assessment Administration	Logistics	Assessment Administration Special Circumstance Type	This would be if an unusual event occurred during the administration of the assessment. This could include fire alarm, student became ill, etc.	000023
Assessment Administration	Logistics	Assessment Reporting Method	The method that the instructor of the class uses to report the performance and achievement of all students. It may be a qualitative method such as individualized teacher comments or a quantitative method such as a letter or a numerical grade. In some cases, more than one type of reporting method may be used.	000389
Assessment Administration	Accommodation	Assessment Accommodation	The specific accommodation necessary for the administration of the assessment.	000027
Assessment Form	Identity	Assessment Form Name	The name of a given assessment form.	000385
Assessment Form	Identity	Assessment Form Number	The number of a given assessment form.	000024
Assessment Item	Identity	Assessment Item Identifier	The identifier that uniquely identifies an assessment item.	000366
Assessment Item	Psychometrics	Assessment Rubric Identifier	An identifier assigned to a rubric.	000630
Assessment Item	Psychometrics	Assessment Rubric Name	The name of the rubric that may be utilized for scoring an assessment - either machine or human.	000422
Assessment Item	Psychometrics	Assessment Rubric Reference	The location where the full rubric can be found.	000421
Assessment Item	Psychometrics	Assessment Item Characteristic Value	A psychometric measure provided for an assessment item.	000423
Assessment Item	Psychometrics	Assessment Item Maximum Score	The maximum number of points possible for the assessment item.	000709
Assessment Item	Psychometrics	Assessment Item Minimum Score	The minimum number of points possible for the assessment item.	000707
Assessment Item	Psychometrics	Assessment Item Correct Response	The correct response for the assessment item.	000708
Assessment Item	Psychometrics	Assessment Item Difficulty	The percentage of students who answered the item correctly.	000608
Assessment Item	Psychometrics	Assessment Item Distractor Analysis	The analysis of the distractors provided for a specific assessment.	000391

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
Assessment Item	Psychometrics	Assessment Item Response Choice Pattern	The distribution of responses for each choice in the assessment item.	000398
Assessment Item	General	Assessment Item Allotted Time	The amount of time allotted for a specific item.	000393
Assessment Item	General	Assessment Item Stem	The stem of the assessment item(s) and not the actual assessment item(s).	000403
Assessment Item	General	Assessment Item Type	The specific type of assessment item.	000400
Assessment Item	General	Assessment Item Characteristic Type	The type of psychometric measure provided for assessment item.	000390
Assessment Section	General	Assessment Number of Items	The number of items on an assessment.	000392
Assessment Subtest	Identity	Assessment Subtest Identifier	A unique number or alphanumeric code assigned to an assessment subtest.	000399
Assessment Subtest	Identity	Assessment Subtest Version	The version of the subtest that is included for the assessment.	000367
Assessment Subtest	General	Assessment Subtest Name	The name or title of the subtest.	000388
Assessment Subtest	General	Assessment Academic Subject	The description of the academic content or subject area (e.g., arts, mathematics, reading, or a foreign language) being evaluated.	000275
Assessment Subtest	General	Assessment Purpose	The reason for which an assessment is being conducted.	000021
Assessment Subtest	General	Assessment Subtest Title	The title for a grouping of student item scores with explicit rules to produce a student test/subtest score.	000026
Assessment Subtest	General	Assessment Subtest Description	The description of the subtest (e.g., vocabulary, measurement, or geometry).	000720
Assessment Subtest	General	Assessment Subtest Abbreviation	The shortened name identifying the assessment for use in reference and/or reports.	000274
Assessment Subtest	General	Assessment Subtest Rules	A description of the rules to produce a student test/subtest score from for a grouping of student item scores.	000368
Assessment Subtest	Psychometrics	Assessment Score Scale Minimum Value	The minimum value possible for the measurement.	000719
Assessment Subtest	Psychometrics	Assessment Score Scale Maximum Value	The maximum value for the measurement.	000395

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
Assessment Subtest	Psychometrics	Assessment Score Scale Optimal Value	The optimal value for this measurement.	000396
Assessment Subtest	Psychometrics	Scale Score 25th Percentile	Scale score at the 25th percentile.	000397
Assessment Subtest	Psychometrics	Scale Score 50th Percentile	Scale score at the 50th percentile.	000640
Assessment Subtest	Psychometrics	Scale Score 75th Percentile	Scale score at the 75th percentile.	000641
Assessment Subtest	Scoring Rules	Assessment Score Scale Value	The value of the item based upon the specific analysis.	000642
Assessment Subtest	Scoring Rules	Assessment Score Metric Type	The specific method used to report the performance and achievement of the assessment. This is the metric that is being used to derive the scores.	000394
Assessment Subtest	Scoring Rules	Assessment Content Standard Type	An indication as to whether an assessment conforms to a standard.	000369
Learning Standards Item	General	Learning Standard Item	The learning standard to which the assessment is aligned.	000605
Student Assessment Registratio	Enrollment	Grade Level when Assessed	The grade level of a student when assessed.	000381
Student Assessment Registratio	Accommodation	Assessment Accommodation Type	Any necessary type of accommodations needed for a given assessment.	000126
Student Assessment Registratio	Accommodation	Assessment Accommodation	The specific accommodation necessary for the administration of the assessment.	000383
Student Response Set	Response	Assessment Participation Indicator	An indication of whether a student participated in an assessment.	000385
Student Response Set	Response	Assessment Subtest Version	The version of the subtest that is included for the assessment.	000025
Student Response Set	Response	Assessment Item Response Time	The amount of time in seconds that a person spent responding to a given assessment item.	000388
Student Response Set	Response	Assessment Item Aid Set Used	A tool or aid set used while viewing the item. This can include things like a calculator, reference tools, etc.	000402
Student Response Set	Response	Assessment Time	The overall time a student spent during the administration of an assessment.	000406

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
Student Response Set	Response	Assessment Reason for Not Completing	Reasons why children with disabilities (IDEA) did not participate in nor receive a valid score on the state assessment	000407
Student Response Set	Response	Response Status	The status of the response for a given item.	000540
Student Response Set	Psychometrics	Student Growth	The difference between scores across two or more years that is used to indicate the student's progress over time in achieving the content measured by the examination.	000405
Student Response Set	Psychometrics	Assessment Score Results	A meaningful raw score or statistical expression of the performance of a person on an administration of an assessment. The results can be expressed as a number, percentile, range, level, etc. The score relates to all scored items or a sub test scoring one aspect of performance on the test.	000413
Student Response Set	Psychometrics	Student Progress	Progress for a student on given learning standards or objectives. This can be represented in a percentage, narrative or any measure.	000245
Student Response Set	Psychometrics	Pretest Results	The results of a pre-test in academic subjects.	000414
Student Response Set	Psychometrics	Proficiency Status	An indication of whether a student's scores were proficient.	000572
Student Score	Instruction	Assessment Feedback	Feedback provided to the student from various sources.	000573
Student Score	Instruction	Assessment Score Metric Type	The specific method used to report the performance and achievement of the assessment. This is the metric that is being used to derive the scores.	000420
Student Score	Instruction	Assessment Performance Level Name	The level of performance of students on an assessment.	000369

### Learning Standards Domain

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
Learning Standard Document	Identity	Learning Standard Document Identifier	An unambiguous reference to the standards document using a network-resolvable URI.	000416
Learning Standard Document	Identity	Learning Standard Document Title	The name of the standards document.	000693
Learning Standard Document	Identity	Learning Standard Document Version	Defines the revision of the document as a version number or date.	000694
Learning Standard Document	General	Learning Standard Document Creator	The person or organization chiefly responsible for the intellectual content of the standards document. (comparable to ASNs Creator, Handbooks Learning Standards Document Author)	000695
Learning Standard Document	General	Learning Standard Document Description	A textual description of the scope and contents of the Learning Standards Document.	000696
Learning Standard Document	General	Learning Standard Document Publication Status	The publication status of the document.	000697
Learning Standard Document	General	Learning Standard Document Jurisdiction	A legal, quasi-legal, organizational or institutional domain of the entity mandating the use of the statement--e.g., California.	000698
Learning Standard Document	General	Learning Standard Document Valid Start Date	The year, month and day the standards document was adopted by the jurisdiction in which it was intended to apply.	000699
Learning Standard Document	General	Learning Standard Document Valid End Date	The year, month and day the standards document was deprecated/replaced by the jurisdiction in which it was intended to apply.	000700
Learning Standard Document	General	Learning Standard Document Subject	The topic or academic subject of the Learning Standard Document.	000701
Learning Standard Item	Identity	Learning Standard Item Identifier	An unambiguous reference to the statement using a network-resolvable URI.	000702
Learning Standard Item	Identity	Learning Standard Item Code	A code designated by the promulgating body to identify the statement, e.g. 1.N.3 (usually not globally unique).	000689

Entity	Attribute category / table	CEDS element name	CEDS definition	CEDS GUID
Learning Standard Item	General	Learning Standard Item Prerequisite Identifier	The unique identifier of a prerequisite Learning Standard Item, a competency needed prior to learning this one. (Some items may have no prerequisites others may have one or more prerequisites. This should only be used to represent the immediate predecessors in a competency-based pathway, i.e. not prerequisites of prerequisites.)	000692
Learning Standard Item	General	Learning Standard Item Statement	The text of the statement. The textual content that either describes a specific competency such as “Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions.” or describes a less granular group of competencies within the taxonomy of the standards document, e.g. “Understand and apply the Pythagorean Theorem,” or “Geometry”.	000715
Learning Standard Item	General	Learning Standard Item Type	The textual label identifying the class of the statement as designated by the promulgating body—e.g., "Standard," "Benchmark," "Strand," or "Topic." or "Level 1, Level 2,..."	000690

## CEDS NORMALIZED DATA SCHEMA

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Entity Relationship Diagrams (ERD) provide a visual representation of how the tables, or ideas, within a data model pertain to each other. The Normalized Data Schema (NDS) is available in PDF format, SQL for import into data modeling tools and is included in Appendix A of this document.

The nomenclature used to describe the NDS will in terms often used for a physical model. This is to facilitate the comprehension of the contents since more people are familiar with physical terms (table, fields) as opposed to the logical terms (entity, attributes). Additionally, since the terms entity and attribute are used within the DES, using the physical terms when discussing the ERD differentiates the context.

### NDS Core Structure Logic

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The NDS Logical Model provides a logical database model, normalized to Third Normal Form<sup>1</sup>, such as might be used for integration of P-20 data systems through a well-normalized “operational data store”. This CEDS logical model does not directly address the production aspects of log and change management. When physically implemented, a sub-model supporting the audit of edits to all attributes may be utilized.

Comparability of education data has some exciting possibilities for all educators, administrators and vendors. Much like how XML provides comparability/interoperability for data-in-motion, CEDS is for data-at-rest. It serves to provide a level of interoperability that means:

- Standardized terminology promotes more effective communication and streamlines knowledge transfer
- Mapping takes less effort
- Development of reports/imports/exports/dashboards/modules can be more easily shared across organizations
- Centralized or base-lined design documentation
- Resources can be shared

Traceability largely addresses internal aspects of a P-20 system. It ensures that the data surrounding a person’s education can be persistently stored and accurately retrieved.

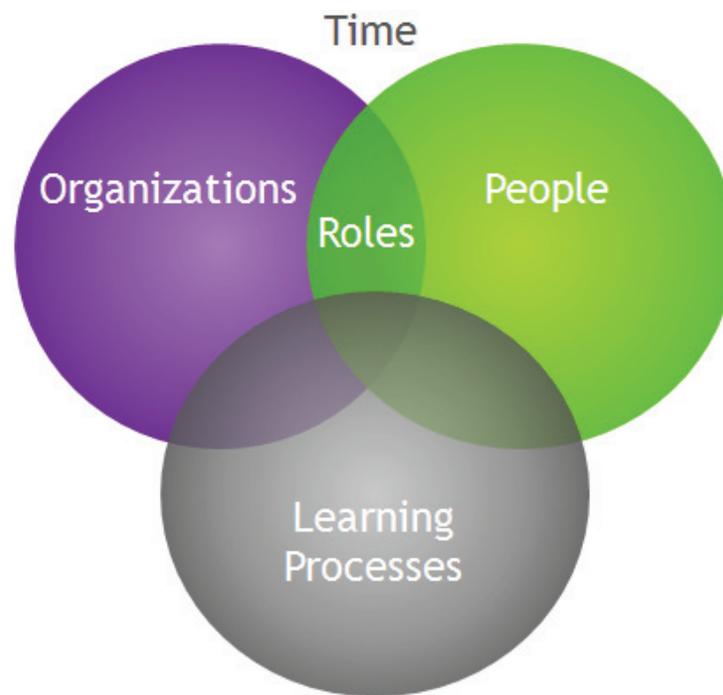
In order to provide a data model that promotes comparability and traceability, the data abstraction process must reconcile a myriad of sources, interpretations and definitions for each data structure. Creating a highly normalized data model best promotes these requirements.

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<sup>1</sup> [http://en.wikipedia.org/wiki/Third\\_normal\\_form](http://en.wikipedia.org/wiki/Third_normal_form)

The resulting model is flexible, and supports the diversified needs across P-20W education agencies, while providing a consistent approach that supports comparability. Consequently, a layer of abstraction exists based upon the key concepts of:

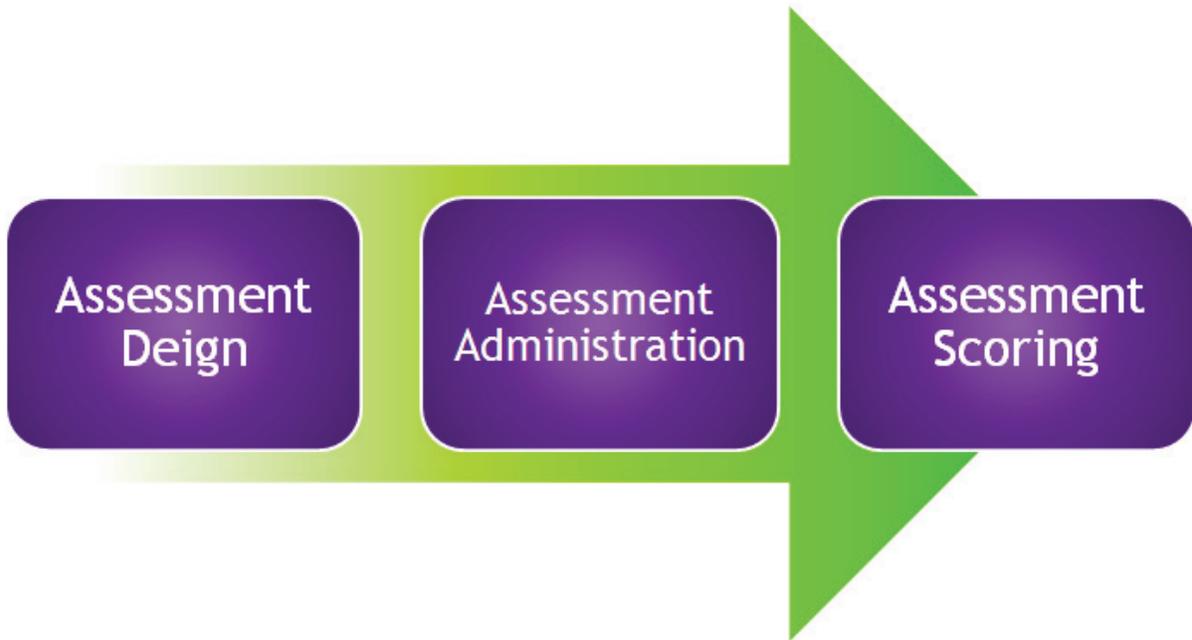
- Time – The relevance of data is constrained by time
- Person – An individual
- Organization – Any organizing *entity* that is not a person; e.g. school, district, program, institution, section, jurisdiction, etc.
- Role – A date sensitive affiliation between a Person and an Organization
- Learning Processes – The inputs, process steps, and outputs related to the work of people and education organizations. (CEDS v2 includes processes for Assessment. It also includes Learning Standards as process inputs.)



People in the NDS only have roles in relationship to a specific organization AND a designated date range.

## NDS Assessment and Learning Standards Terms and Logic

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Coverage of assessment processes in the CEDS NDS model is organized based on three process areas:

1. Assessment Instrument Design,
2. Assessment Administration, and
3. Assessment Scoring and evaluation of results.

The following logic statements were used in the development of the model related to assessments.

Logic statement
Assessments are used to evaluate people
Summative assessments are used for a specific date range to evaluate people at a specific level in a specific subject based on a specific learning standards document.
CEDS 2.0 focuses on creating common metadata primarily to support test content, test administration, and test score management for summative assessments. The model includes core attributes common to interim/benchmark and formative assessments. CEDS 3.0 will more fully support formative instructional processes and P20 learner-centric progressions.
In CEDS 2.0's logical NDS model, EVERY assessment has at least one form, sub-test, section and item (and can have more than one).
Assessment items are grouped into forms and sections for administration and in subtests for scoring. Sections can contain others sections. Subtests can contain other subtests.
People are associated with a particular Assessment Form through an Assessment Registration. All scores are associated to at least one person through an Assessment Registration.

### Logic statement

People provide Item Responses to Assessment Items.

Assessment Items may contain a rubric to guide scoring and may have a relationship with one or more descriptive Characteristics, Learning Standard Items, and Possible Responses.

Subtests may have Scores and scoring rules associated with them and may be supported by one or more Learning Standard Items.

Scores may be associated to one Performance Level.

## Assessments and Learning Standards Entities

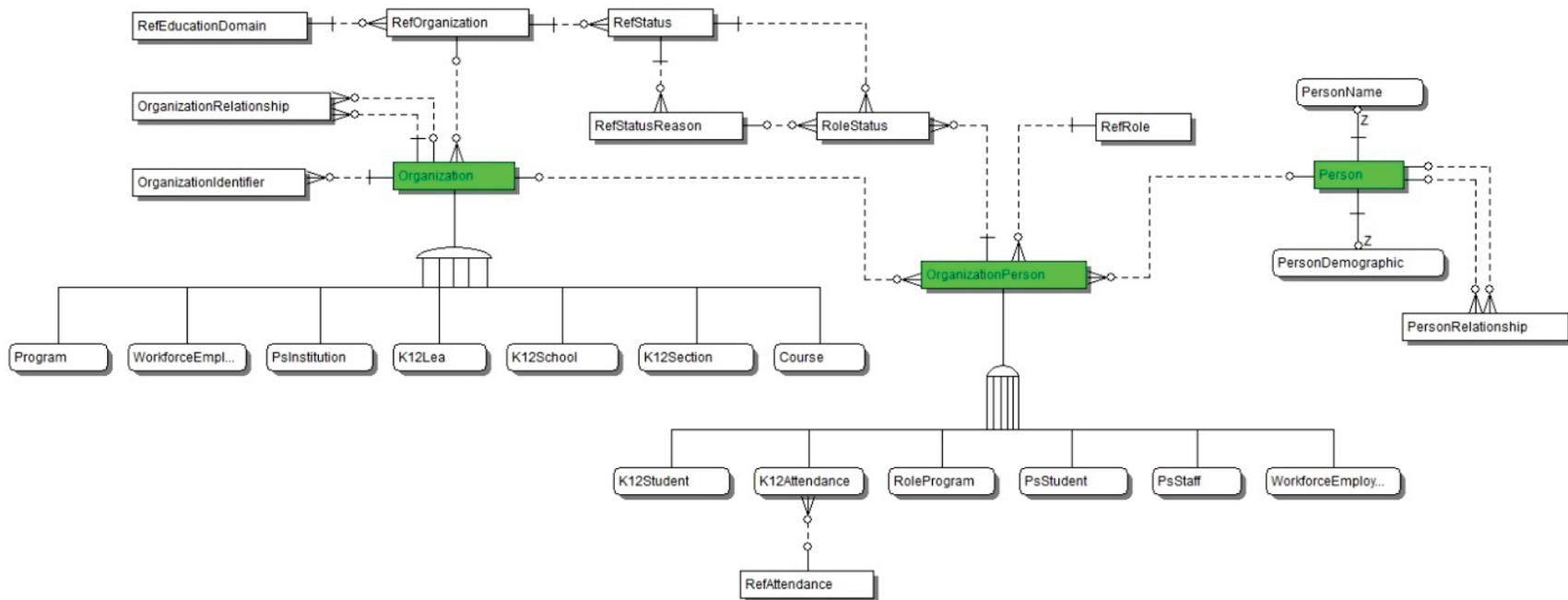
The following entity definitions were used in the development of the model related to assessments and learning standards (competencies).

Entity	Definitions
Learning Standard Document	A collection of learning standard items, typically arranged in a hierarchical structure or classification scheme, reflecting expectations of learner competencies within a single subject area covering one or more levels. (examples: Head Start Child Outcomes Framework, Common Core State Standards for Mathematics, Accountability Criteria for National Health Care Cluster Foundation Standards).
Learning Standards Item	Content that either describes a specific competency (learning objective) or describes a grouping of competencies within the taxonomy of a Learning Standards Document.
Assessment Family	A set of assessments with a common name, jurisdiction, or focus. (e.g. SAT, GRE, NAEP)
Assessment Instrument	An instrument used to evaluate a person with at least one form, section, and Assessment Item. (A summative assessment typically addresses a particular level, subject, and date range. A person's individual responses during the summative assessment administration are evaluated then the results are scored using one or more Assessment Sub Test Scoring Rules.)
Assessment Form	An instance of an assessment that can equate scores with another instance of that same assessment.
Assessment Section	A set of assessment items within an assessment form that contains information about administration, such as sequence, and may have content shared between multiple items such as directions for the section.
Assessment Form Sub Test (Scoring Rule)	Information about scoring based on a defined set of assessment item responses with explicit rules to produce a subtest score, which may be for the entire assessment or one aspect of evaluation.
Assessment Item	A specific prompt, that defines a question or protocol for a measurable activity that triggers a response from a person used to determine whether the person has mastered a learning objective.
Assessment Registration	Information related to a specific person associated with a specific assessment form used over one or more assessment administrations.
Assessment Administration	Information related to a specific instance of delivering an assessment to a specific person during a specific time period. (The assessment administration may be done individually or as part of a group, in a physical or virtual setting.)
Assessment Item Response	Information related to a specific response to an assessment item by the person being assessed. The entity includes the response, a score or indication that the response was correct or incorrect and other information such as response time.

Entity	Definitions
Assessment Subtest Score	A score evaluating a person's results from an assessment which may be for the entire assessment or a Sub Test, calculated using a specific Score Metric and one or more assessment item responses. The entity includes the score value and information about the score, such as a diagnostic statement.
Score Performance Level	A framework for classifying student scores to determine proficiency and other levels.

# NDS Entity Relationship Model

## High Level Logical Model



### ***Normalization and the NDS Model***

Normalization is a data structuring process to:

- Eliminate redundancies – Prevents update anomalies and reduces the amount of stored data;
- Ensure the accuracy of data – Prevents insert anomalies and guarantees the quality of the data;
- Understanding of data – Discrete objects clearly identify purpose;
- Scalability – Better accommodate growth;
- Extensibility – Facilitates modification to the model.

A system is considered to be well normalized if it meets the Third Normal Form. C.J. Date said that database design is common sense formalized. Applying normalization is quite similar to factoring algebraic equations; reduce factors to like terms. Identifying whether or not an attribute exists always or sometimes determines the ‘optionality’ or ‘nullability.’ Determining what type of relationship (a person has one birth place, a person may speak one or more languages) it has determines the ‘cardinality.’

*As a result of normalization some CEDS elements are not represented as distinct fields in the NDS. However, every CEDS element is supported. For example, the CEDS element “Exit or Withdrawal Type” is “normalized out” as an instance of RoleStatus.*

### ***Normal Forms***

Each form must comply with the lower level forms. The main premises of the first three normal forms are:

- First Normal Form (1NF) – Records are uniquely identifiable and contain no repeating fields
- Second Normal Form (2NF) – All attributes are directly dependent on the primary key
- Third Normal Form (3NF) – Non-key fields do not have dependencies on other non-key fields

### ***Reference Data***

Reference data can be thought of as a custom data type; instead of a valid date or a number, we have the values ‘Enrolled,’ ‘Accepted,’ ‘Participating.’ When a known set of values exists, restricting the field is accomplished by using a reference table. In the data model reference data uses the prefix “Ref”.

### ***Surrogate keys***

Surrogate keys were used instead of natural keys in order to simplify joins and conserve space. Joins are simplified in that there is always one field to join to one table. Composite keys, which require one or more fields and data knowledge in order to join tables were not deemed efficient for the scope of this data model. Additionally, surrogate keys allow the logical primary key to be changed without implementing logic to handle the change. This was considered necessary in order to support the wide range of datasets since some states allow for primary keys to change over time.

While surrogate keys typically are not represented in a logical model, the prevalence of super-type/sub-typed data combined with education data being so closely tied to organization identifiers and person identifiers, resulted in the decision that they be included.

### *Use of Super-types/Sub-types*

In order to provide a database that is flexible enough to fit multiple business models, configurable hierarchies and reference data are critical. To promote association of these concepts, NDS uses super-type/sub-types construct. Super-types/sub-types may be used when an idea has common and different elements. For example, a parent and an Early Learning child; both can be categorized as people and share certain people elements, such as birth date and home address. However, only the parent will have a job and only the child will have a lunch program.

NDS utilizes four super-types:

- Person – Data about people
- Organization – Any *thing* that is not a person, such as a district, a school or a course
- Role – A person’s data that relates to an organization, such as a student’s attendance
- Location – Physical addresses, phone numbers, email addresses, websites, GPS and any type of data that serves to identify a location/contact method

### **Common Model**

Each of the four super-types (Person, Organization, Role, Location) contains information that applies to all types. For example, each person, regardless of role, has demographic information; all types of organizations may have calendar information.

## **Understanding the NDS Entity Relationship Diagrams**

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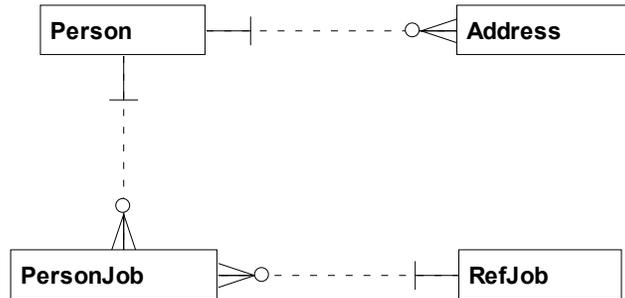
### **NDS Table and Field Syntax**

**Tables.** Tables are represented as a rectangle. The rectangle is divided in two by a horizontal line. Everything above the horizontal line is the table’s ‘primary key’.



The function of the primary key is to uniquely identify one record from all other records within the same table. The CEDS model has utilized a design standard of ‘surrogate keys.’ Surrogate keys do not replace primary keys, but they simplify using them. Essentially, the Dewey Decimal System is a surrogate key mechanism. One number is referenced instead of the title and author of the book. A table with rounded corners means that it is a child of an identifying relationship.

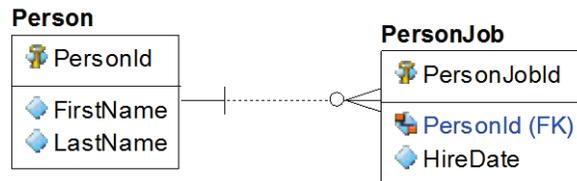
**Relationships.** The heart of the entity relationship diagram (ERD) is illustrating how data relates to itself. By effectively using lines and boxes, we can gather understanding from a simple diagram:



This tells us that a Person has an Address and a Job. We also know that the job has to have a valid piece of metadata (a record in RefJob) in order to be associated with a Person.

The majority of relationships within a data model are either ‘identifying’ or ‘non-identifying.’ Whether a relationship is identifying or not has to do with whether the parent table’s primary becomes a part of the child table’s primary key. To illustrate this point, consider the four tables above. What uniquely identifies a person’s job record? Does the Person alone uniquely identify a PersonJob? No, since a person can have multiple jobs. Does the Job uniquely identify a person’s job? No, since any number of people can have the same job. Consequently, to uniquely identify a Person’s Job, we need to know the person and the job.

Since the CEDS Data Model uses surrogate keys, the presence of identifying relationships is reduced to sub-type/super-type relationships.



A non-identifying relationship is represented by a dashed line between two tables. For required joins, the side of the relationship with the perpendicular line indicates the parent table and the side of the relationship with the circle denotes the child table. For optional relationships, a circle is used for both sides of the relationship.

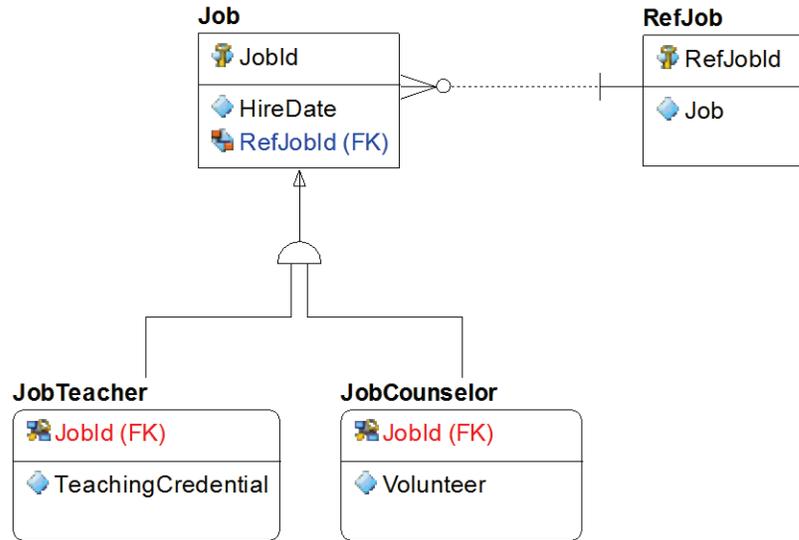
Identifying Relationship: An identifying join means that the parent’s primary key is added to the child’s primary key.

An identifying relationship is represented by a solid line between two tables.

The one or three lines (‘Crow’s Foot’ notation) indicates the cardinality of the relationship.

Sub-Type/Super-Type: Sub-type/super-type relationships indicate that a record of super-type may have a corresponding sub-type record, but a sub-type record cannot exist without the parent super-type. The

power of super-type/sub-typing is that it allows one object to have a different set of properties. By extension, this mechanism allows for multiple tables to be referenced by one common object.



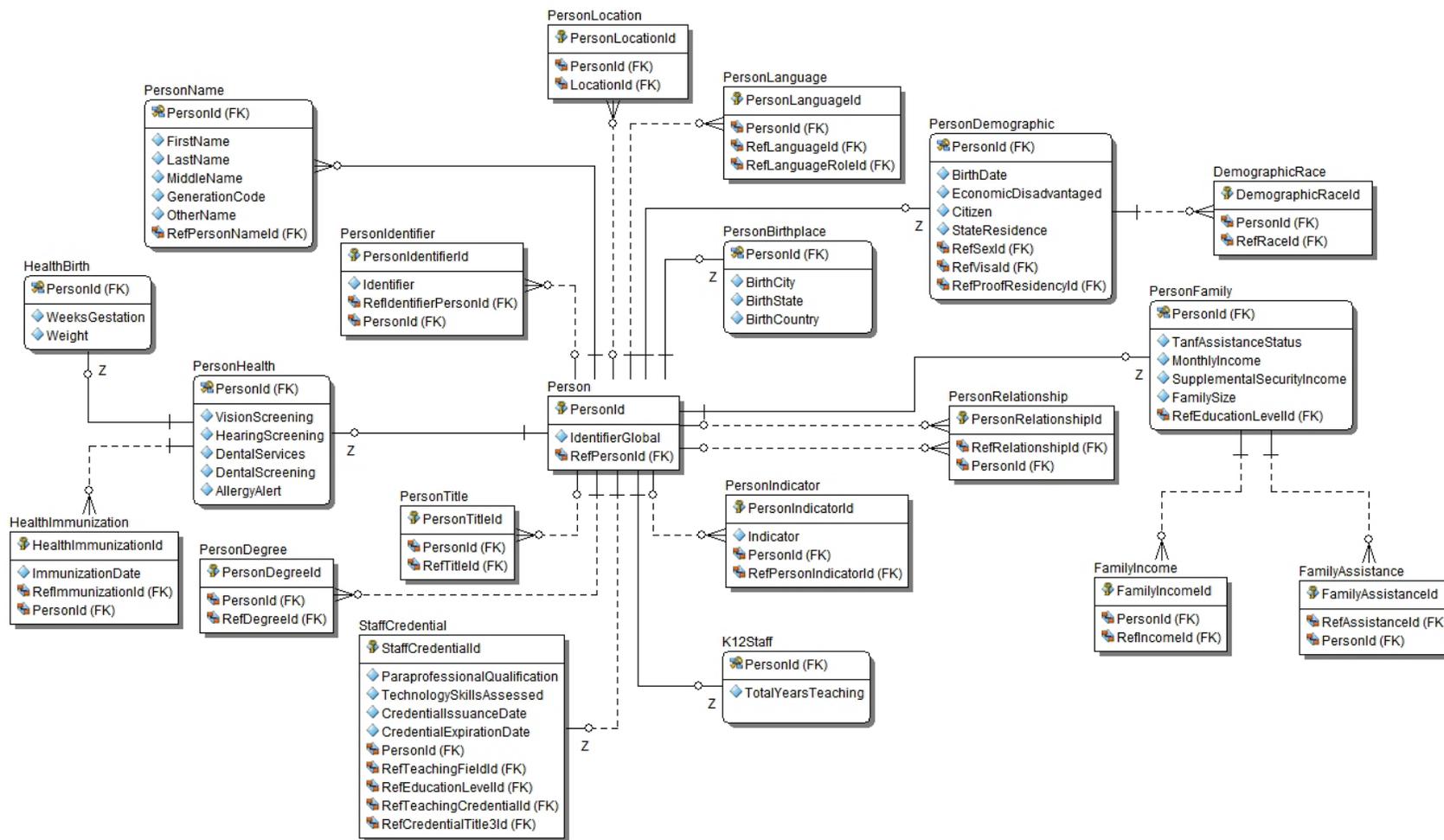
The half circle in the solid relationship line(s) indicates a sub-type/super-type relationship.

## **APPENDIX A: NDS ENTITY RELATIONSHIP DIAGRAMS**

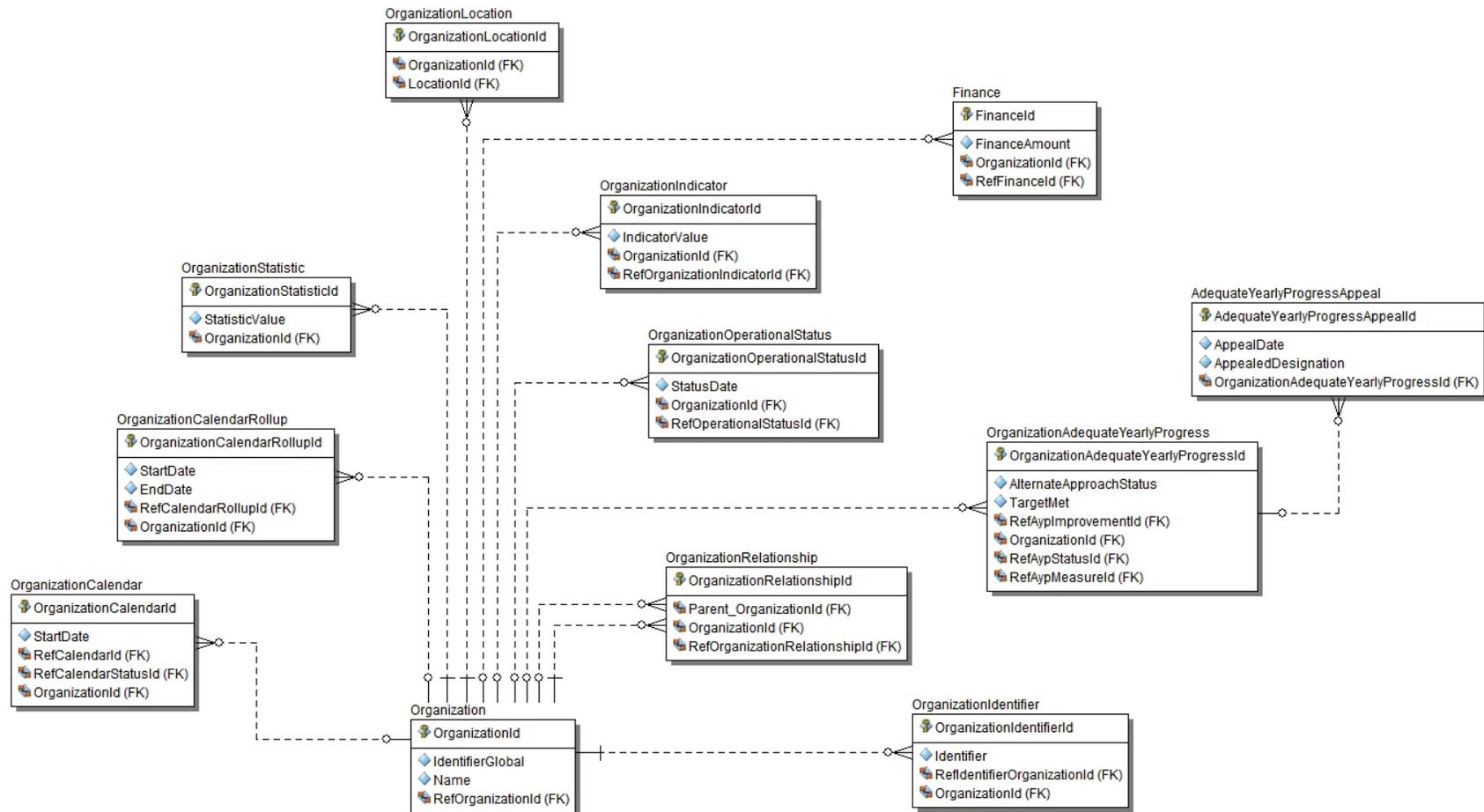
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The following entity relationships diagrams (ERD) provide visual representations of the CEDS Normalized Data Schema (NDS) organized by the high-level concepts of people, organization, roles/relationships between people and organizations, and by the Domains of Early Learning, K12, Postsecondary, Assessments, and Learning Standards.

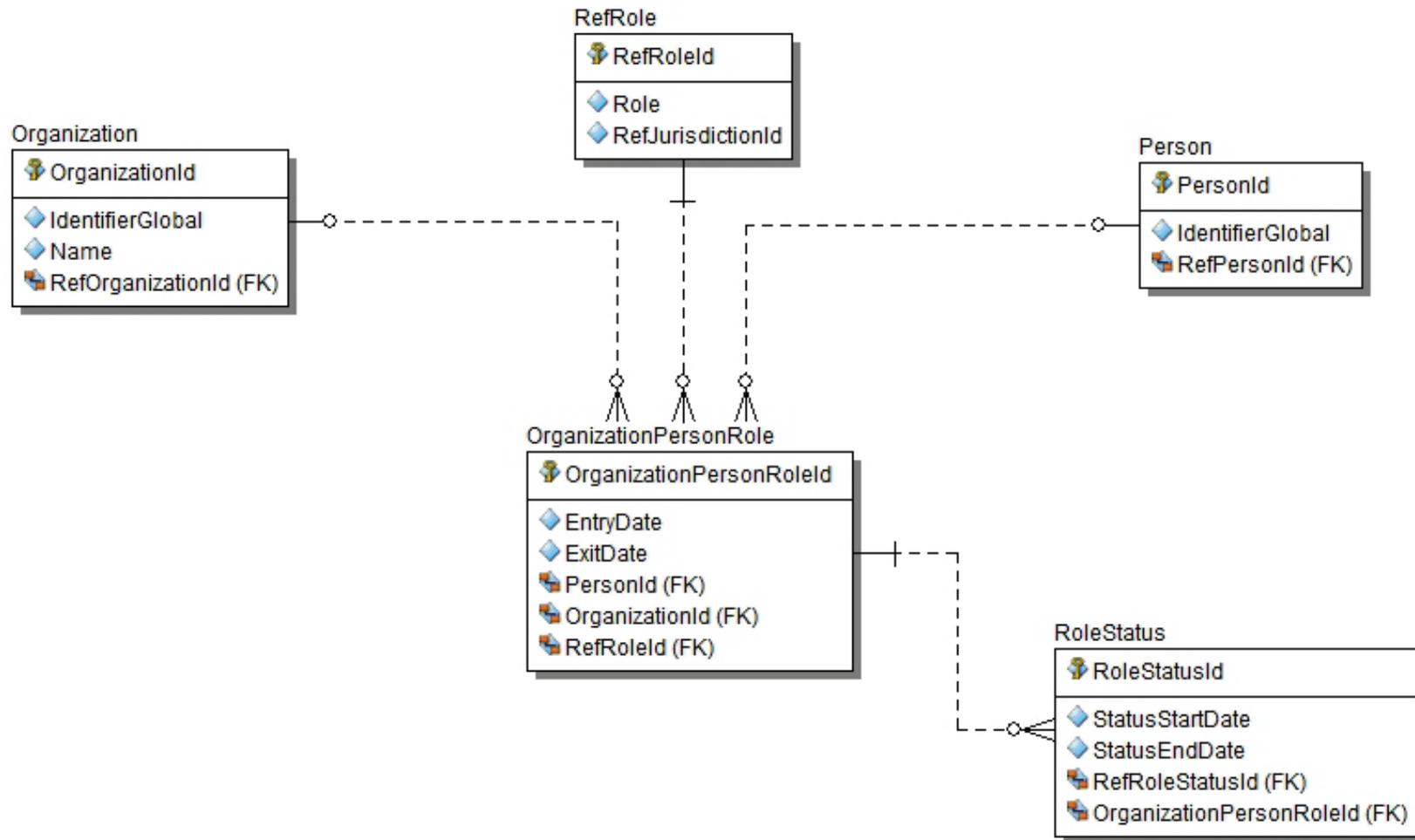
## Common: Person



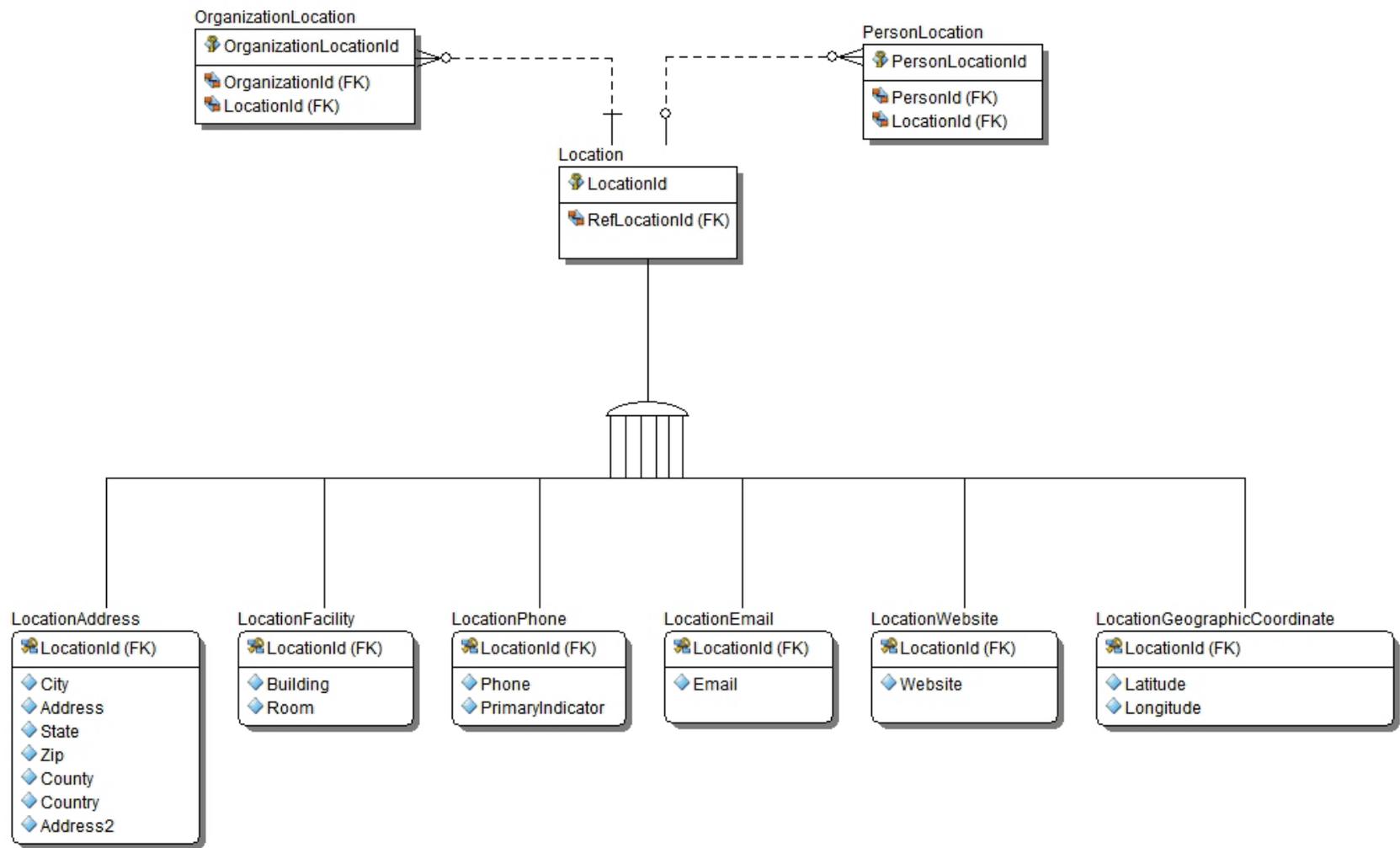
# Common: Organization



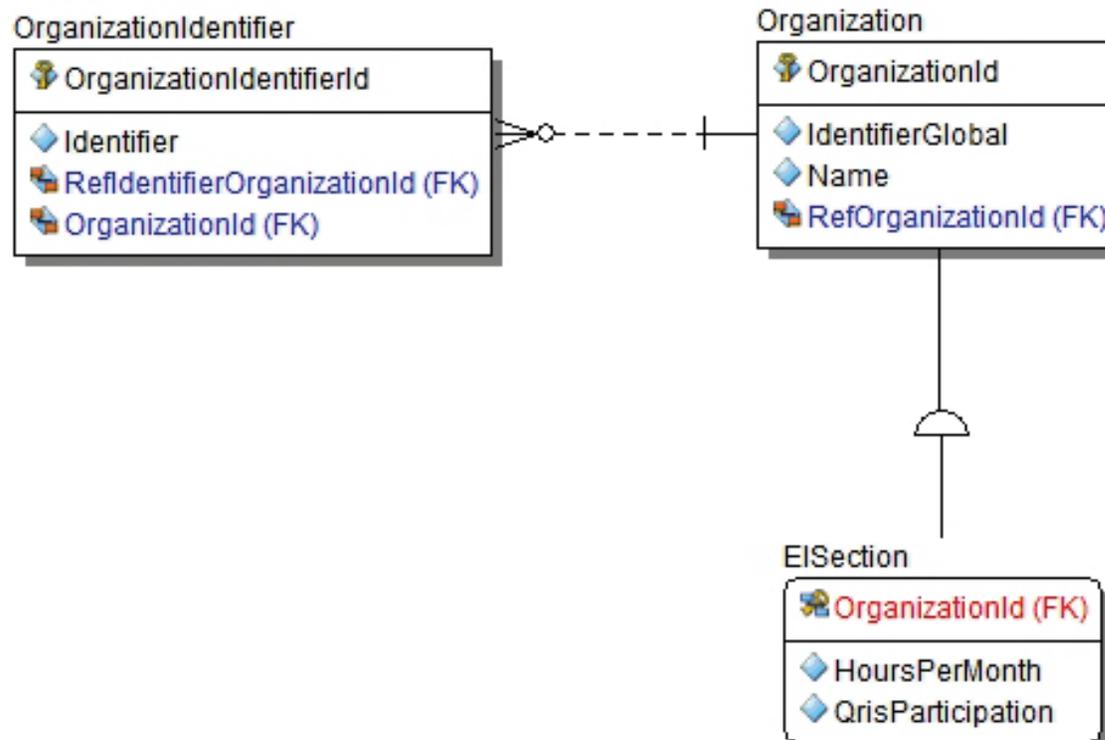
## Common: Role



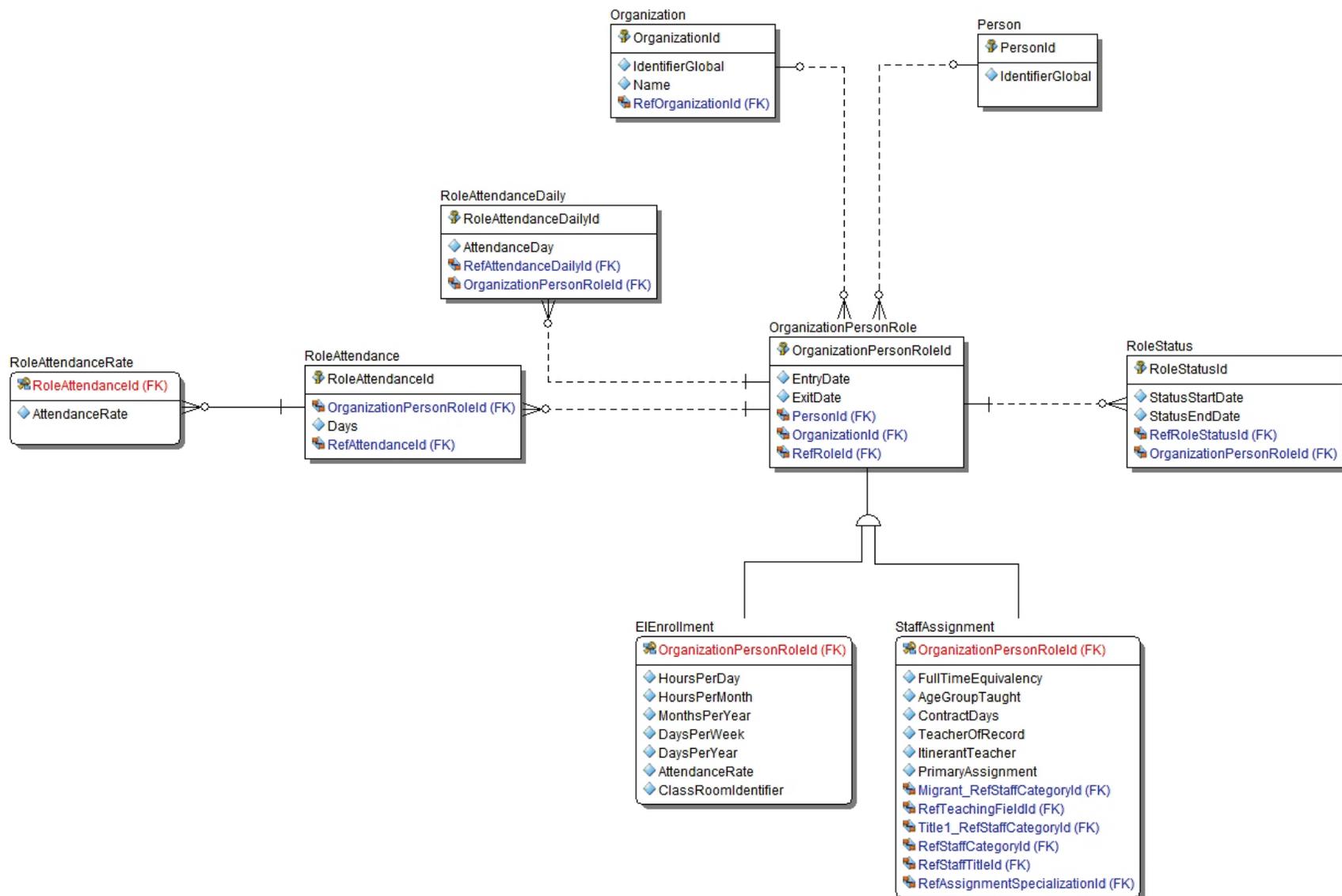
## Common: Location



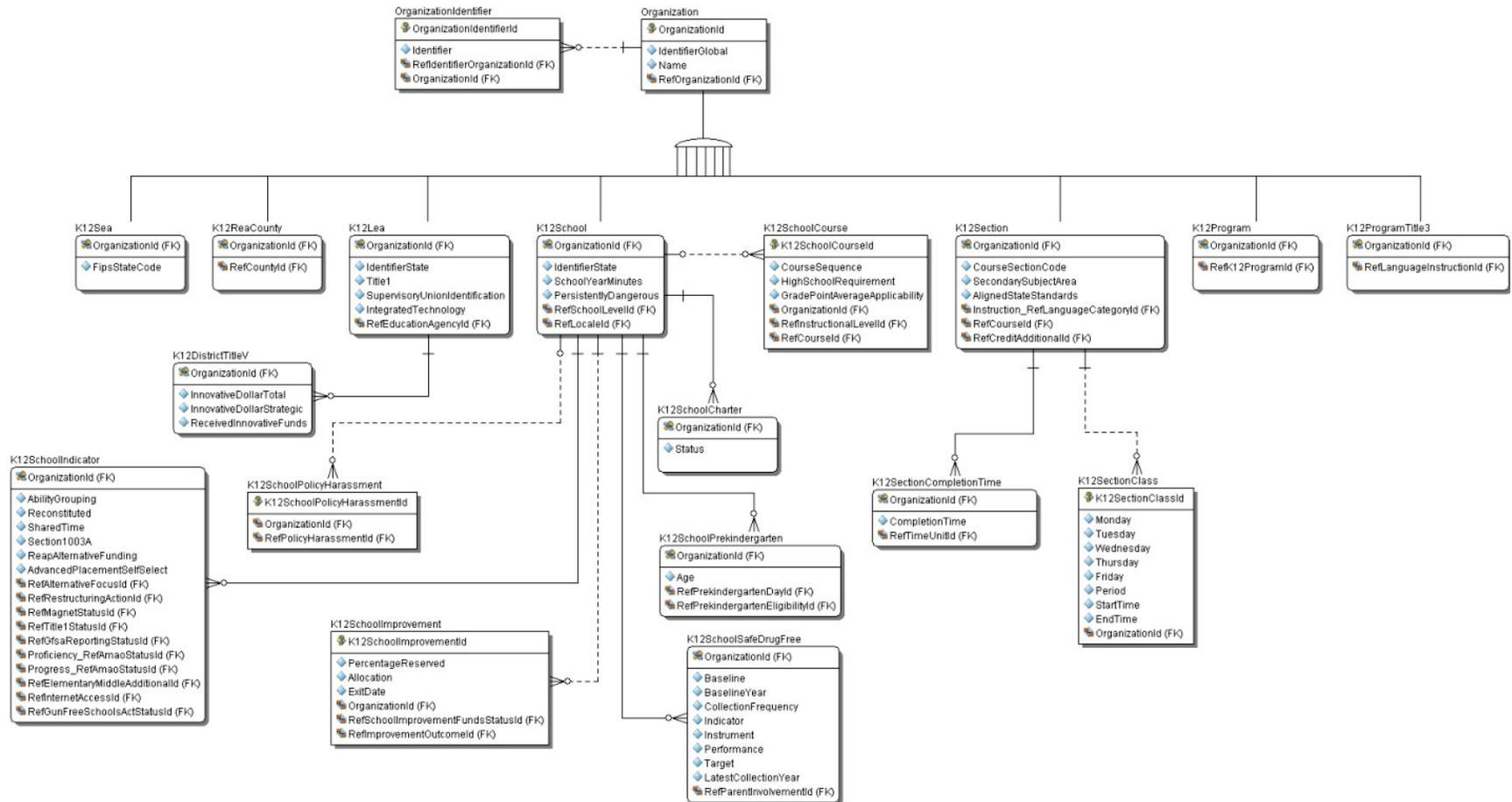
## Early Learning: Organization



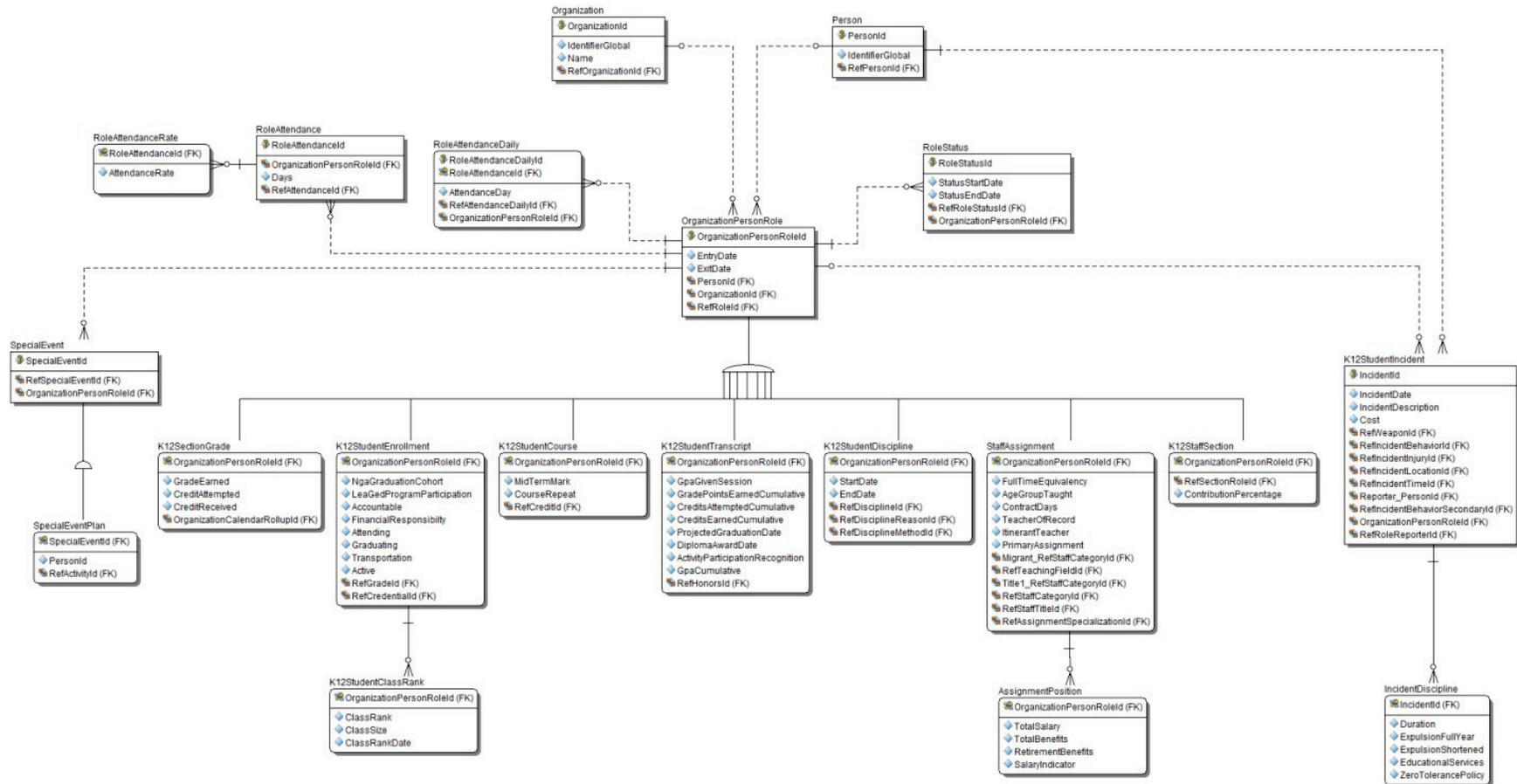
## Early Learning: Role



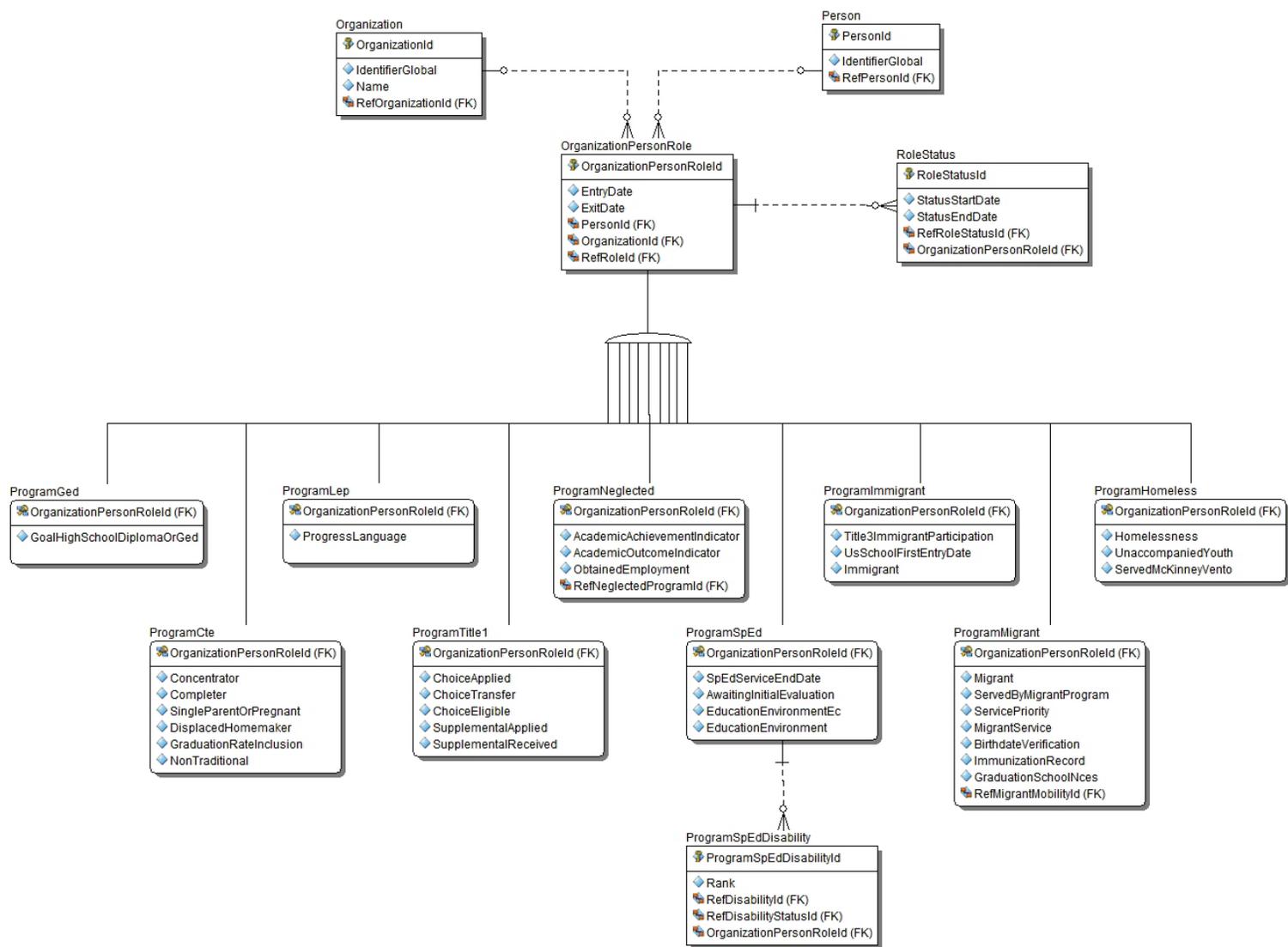
# K12: Organization



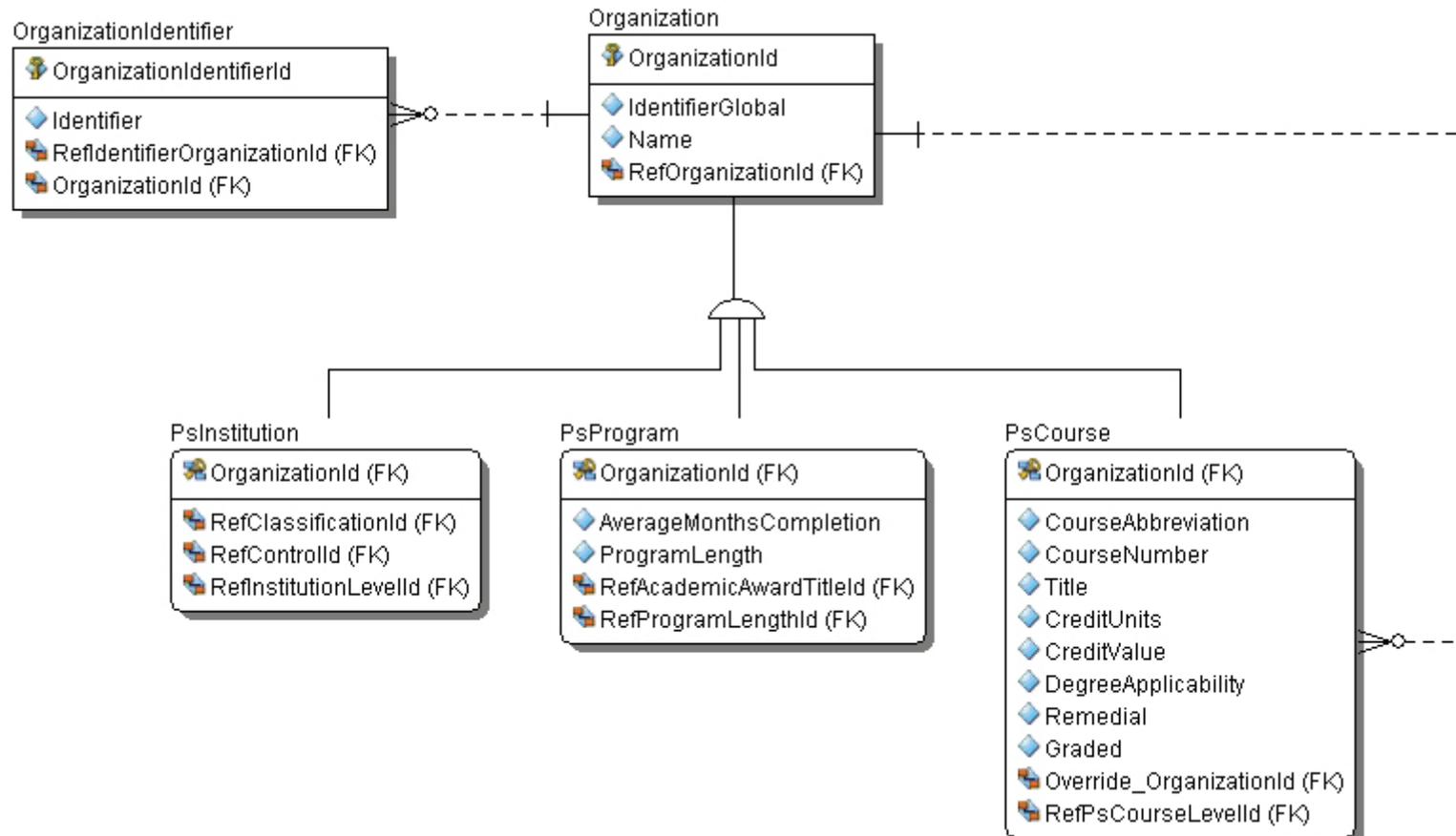
# K12: Role



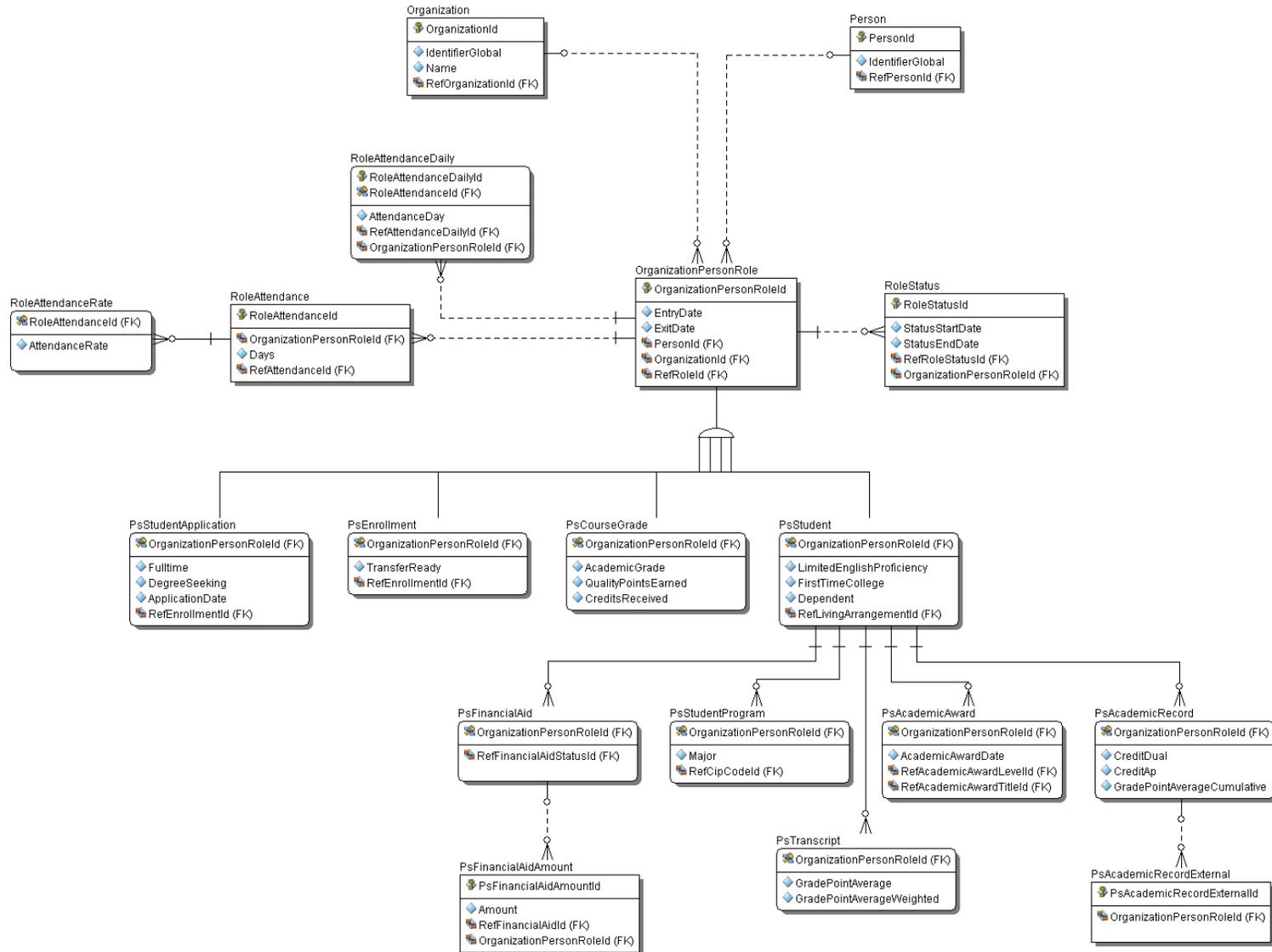
## K12 Program: Role



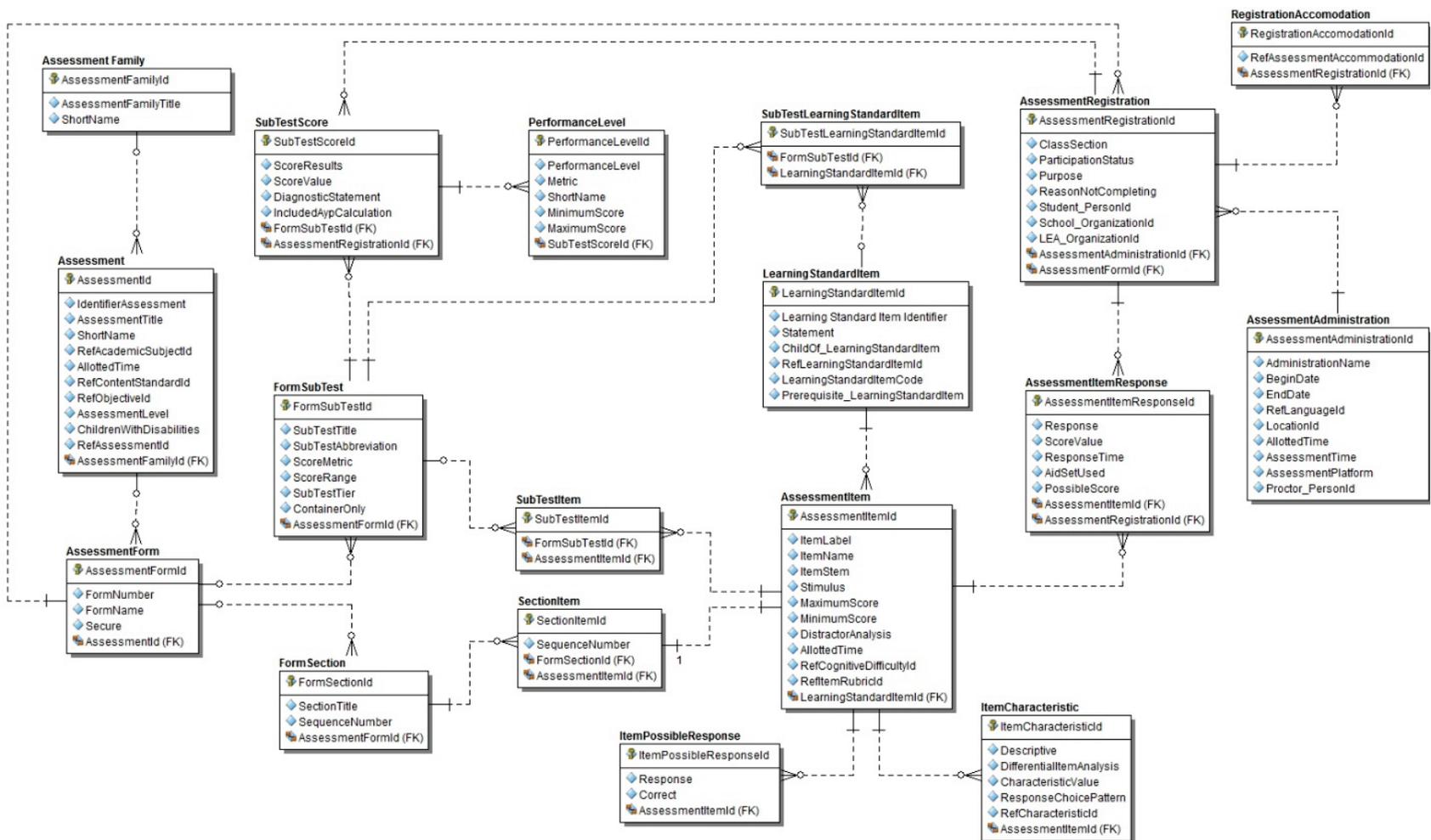
## Postsecondary: Organization



# Postsecondary: Role



# Assessment



## APPENDIX B: NORMALIZED DATA SCHEMA (NDS) TABLES AND FIELDS

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The following section lists the tables and fields defined in the Normalized Data Schema (NDS).

*Note: Due to normalization there are some CEDS elements that are not represented as distinct fields in the NDS. However, every CEDS element is represented in the NDS model. For example, the CEDS element “Exit or Withdrawal Type” has been “normalized out” as an instance of RoleStatus.*

*There are also some “fields” in the NDS such as surrogate keys and some date fields that serve purposes specific to the model and don’t map back to any CEDS elements. Reference tables in the NDS often reflect one or more options sets defined for CEDS elements, i.e. reference table fields may map to CEDS element metadata rather than to elements.*

### NDS Tables

The following table lists the table name from the NDS a *description* used in developing the model. See the CEDS online glossary (<http://ceds.ed.gov/Glossary.aspx>) for the most accurate and up-to-date *definitions* of entities.

Table	Description
AdequateYearlyProgressAppeal	Basic properties associated with appealing an AYP report
Assessment	(Assessment Instrument) An instrument used to evaluate a person with at least one form, section, and Assessment Item. (A summative assessment typically addresses a particular level, subject, and date range. A person's individual responses during the summative assessment administration are evaluated then the results are scored using one or more Assessment Sub Test Scoring Rules.)
Assessment Item	A specific prompt, that defines a question or protocol for a measurable activity that triggers a response from a person used to determine whether the person has mastered a learning objective.
AssessmentAdministration	Information related to a specific instance of delivering an assessment to a specific person during a specific time period. (The assessment administration may be done individually or as part of a group, in a physical or virtual setting.)
AssessmentRegistration	Information related to a specific person associated with a specific assessment form used over one or more assessment administrations.
AssignmentPosition	Salary and benefits information for a Staff member
DemographicRace	Includes the race(s) of a person.
ELSection	Information regarding an EL Section.
FamilyAssistance	Public assistance or welfare funds associated with a Person's family.
FamilyIncome	Sources of total family income.
Finance	High level amount and transaction types, at the organization level
HealthBirth	Data points of a person's health and status at time of birth
HealthImmunization	Immunization records of a person
IncidentDiscipline	Discipline details resulting from a student incident

Table	Description
ItemPossibleResponse	The set of possible responses for an assessment item
K12District	K12 district information
K12DistrictTitleV	Title V programs associated with a K12 district
K12EnrollmentMember	Properties that pertain to a Student enrollment with a Section, School and/or District
K12Lea	Organization sub-type containing identifying information about Local Education Agencies.
K12Program	The type of Title I program offered in the school or district
K12ProgramTitle3	The type of Title III language instructional programs
K12Rea	Organization sub-type containing identifying information about Regional Education Agencies.
K12ReaCounty	Associates a K-12 REA (K12rea) with one or more Counties (RefCounty)
K12School	Organization sub-type containing identifying information about K-12 Schools.
K12SchoolCharter	Information specific to a K12 Charter School.
K12SchoolCourse	Course specific properties that apply directly to a K-12 school
K12SchoolEnrollmentPrekindergarten	Prekindergarten enrollment requirements, by school
K12SchoolImprovement	School improvement strategies that were supported through specific funding vehicles
K12SchoolIndicator	Indicator and status values for K-12 School programs and events
K12SchoolPolicyHarassment	School policy regarding harassment and bullying
K12SchoolPrekindergarten	Defines a K12 School's pre-kindergarten programs and services
K12SchoolSafeDrugFree	Safe and Drug Free status values, by school
K12Sea	Organization sub-type containing identifying information about State Education Agencies.
K12Section	Organization sub-type containing identifying information about sections.
K12SectionClass	Time of day information related to a section
K12SectionCompletionTime	The actual or estimated number of clock hours or minutes required for class completion
K12SectionGrade	Represents a student's grade for a specific section (class) within a K12 school
K12Staff	Attributes of a Person's role as K-12 staff member
StaffAssignment	Describes a teacher's role.
StaffCredential	Credential information for a K-12 staff member.
K12StaffSection	The type and details of position the staff member holds in the specific class/section.
K12StudentClassRank	Indicates a student's ranking within a class
K12StudentCourse	Properties associated with a student enrolled in a course
K12StudentDiscipline	Describes the disciplinary actions associated with a student incident
K12StudentEnrollment	Properties that pertain to a Student enrollment with a Section, School and/or District
K12StudentIncident	Describes an incident that involved one or more students at an organization
K12StudentTranscript	High level transcript information for a K-12 student

Table	Description
Location	Super-type of location information. Can represent any type of location/contact medium such as Addresses, Telephone numbers, email addresses and websites.
LocationAddress	Sub-type of Location that contains a physical address, city, state, zip.
LocationEmail	Sub-type of Location that contains an email address.
LocationFacility	Sub-type of Location that contains a building, floor, room number.
LocationGeographicCoordinate	Geographic coordinates that uniquely identify a location
LocationPhone	Sub-type of Location that contains a phone number.
LocationWebsite	Sub-type of Location that contains a website.
MepQualifyingMove	Attributes of a MEP student's qualifying move
MigrantMep	Migrant Education Program (MEP) properties for migrant children
Organization	Represents the super-type information of a SEA, REA, LEA, School, Section, Program. Each of which is identified by a state provided unique identifier--which is the NCES Number for REA, LEA and Schools.
OrganizationAdequateYearlyProgress	AYP information for Schools and Districts
OrganizationCalendar	Represents what type of day and services exist, by date, for an Organization.
OrganizationCalendarRollup	Represents a time period that applies to an Organization
OrganizationGrade	The specific grade or combination of grades offered by an education institution.
OrganizationIdentifier	A unique number or alphanumeric code assigned to an institution by a school, school system, a state, or other agency or entity.
OrganizationIndicator	Describes any sort of indicator/metric/measure that is tracked at the organization level
OrganizationLocation	An association of a Location to an Organization.
OrganizationOperationalStatus	The classification of the operational condition of a School
OrganizationPersonRole	Describes an association between a person and any organization (school, institution, program, etc)
OrganizationStatistic	An Indicator's value for a specific Organization
PerformanceLevel	The metric or scale used for score reporting.
Person	A person, including Students, Staff and Parents.
PersonBirth	Data points of a person's birth
PersonBirthplace	Information about birth location and citizenship status
PersonDegree	The name of the degree or certificate earned by an individual. This includes honorary degrees conferred upon an individual.
PersonDemographic	Demographic information about a person.
PersonFamily	Attributes that relate to a person's family/guardians
PersonHealth	Data points of a person's health
PersonIdentifier	Identification numbers associated with an individual.
PersonIndicator	Describes any sort of indicator/metric/measure that is tracked at the person level
PersonLanguage	Languages that a person communicates with
PersonLocation	An association of a Location to a Person.
PersonName	Name elements of a person

Table	Description
PersonRelationship	Creates an association between two people, describing the type of the relationship (RefRelationship).
PersonTitle	Various titles associated with a person
ProgramCte	Properties around a Student's CTE program participation
ProgramFrl	Properties around a Student's FRL program participation
ProgramGed	Properties around a Student's GED program participation
ProgramHomeless	Properties around a Student's Homeless program participation
ProgramImmigrant	Properties around a Student's Immigrant program participation
ProgramLep	Properties around a Student's LEP program participation
ProgramMigrant	Properties around a Student's Migrant program participation
ProgramNeglected	Properties around a Student's Neglected and Delinquent program participation
ProgramSpEd	Properties around a Student's Special Education program participation
ProgramTitle1	Properties around a Student's Title I program participation
PsAcademicAward	Academic award information for students of post secondary institutions
PsCourse	Organization sub-type containing identifying information about post secondary Courses
PsCourseGrade	Post secondary student course grades
PsEnrollment	Post secondary enrollment information
PsFinancialAid	Whether or not the student receives any grants/loans
PsFinancialAidAmount	The amount and classification of financial aid awarded to a individual
PsInstitution	Organization sub-type containing identifying information about post secondary Institutions
PsProgram	Post secondary programs
PsStudent	Post secondary student properties
PsStudentApplication	Whether or not the student was accepted to the institution after applying.
PsStudentProgram	Post secondary student program participation information
PsStudentTranscript	Post secondary student transcript information
RefAcademicAwardLevel	The type of diploma or credential that is awarded to a student in recognition of his or her completion of the curricular requirements
RefAcademicAwardTitle	The actual title of an academic award
RefAccommodation	The specific accommodation necessary for the administration of the assessment
RefAlternativeFocus	Identifies what student group an Alternative School is designed to handle
RefAmaoStatus	An indication whether the State, District, or School met the Annual Measurable Achievement Objectives (AMAO); Met the Annual Measurable Achievement Objectives(AMAO) for Limited English Proficient (LEP) Students,Did not meet the Annual Measurable Achievem
RefAssistance	Types of public assistance and welfare funds
RefAttendance	Types of attendance values; Attended, Absent, Truant, Tardy
RefAttendanceDaily	Attendance types that are assigned to a person for a given day

Table	Description
RefAypImprovement	An indication of the improvement stage of the district or school.
RefAypStatus	Adequate yearly progress status values
RefCalendar	Defines types of days, specific to an organization
RefCharacteristic	Psychometric measures provided for assessment items
RefCipCode	Six digit codes, in the form xx.xxxx, that identifies the instructional program specialty in which the student is enrolled as his or her first major program of study
RefClassification	The Basic Classification is an update of the traditional classification framework developed by the Carnegie Commission on Higher Education in 1970 to support its research program, and later published in 1973 for use by other researchers.
RefControl	Types of institutional control under which institutions operates
RefCounty	Listing of the counties that exist within a state
RefCourse	Contains course information. An occurrence of a Course (within an Organization) is a Section (K12Section)
RefCourseCharacteristic	An indication of the general nature and difficulty of instruction provided throughout a course
RefCredential	The type of diploma/credential that is awarded to a student in recognition of his/her completion of the curricular requirements
RefCredentialTitle3	LEP instructor credential categories
RefCreditAdditional	The type of additional credits or units of value awarded for the completion of a course
RefCredit	The type of credits or units of value awarded for the completion of a course
RefDisabilityStatus	Status of a person's disability
RefDisabilty	The major or overriding disability condition that best describes an individual's impairment
RefDiscipline	The type of suspension or expulsion used for the discipline of children
RefDisciplineLengthReason	The reason for the difference, if any, between the official and actual lengths of a student's disciplinary assignment
RefDisciplineMethod	Methods used to discipline students
RefDisciplineReason	Reasons associated with disciplinary actions
RefEducationAgency	Classification of education agencies within the geographic boundaries of a state according to the level of administrative and operational control
RefEducationLevel	The extent of formal instruction an individual has received
RefElementaryMiddleAdditional	An indication of whether the school or district met the Elementary/Middle Additional Indicator requirement in accordance with state definition
RefEnrollment	An indicator of the enrollment type associated with the enrollment of an individual
RefEvaluationSystem	The instrument and/or set of procedures with which an individual's performance is assessed
RefFinancialAid	The classification of financial aid awarded to an individual
RefFinancialAidStatus	An indication of whether the financial aid type being reported is aid that has been awarded, accepted or dispersed
RefGrade	Individual grade designations and levels

Table	Description
RefGunFreeSchoolsActStatus	An indication of whether the school or local education agency (LEA) submitted a Gun-Free Schools Act (GFSA) of 1994 report to the state, as defined by Title 18, Section 921.
RefHomelessResidence	Types of nighttime residences for homeless students.
RefHonors	A description of the type of academic distinctions earned by or awarded to the individual.
RefIdentifierPerson	Types of person identifiers; Local Staff Identifier, State Staff ID#, Student ID#, etc.
RefIdentifierOrganization	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an organization, program, or institution.
RefImmunization	Types of immunizations
RefImprovementGrantIntervention	The type of intervention used by the school under the School Improvement Grant (SIG).
RefIncidentBehavior	Categories of behavior coded for use in describing an incident
RefIncidentBehaviorSecondary	Supplemental information about an incident when the primary offense is more serious in nature than alcohol or drug offenses
RefIncidentInjury	Types of physical injury to participants involved in an incident
RefIncidentLocation	Identifies where the incident occurred and whether or not it occurred on campus.
RefIncidentRole	The year, month and day on which the incident occurred.
RefIncidentTime	Time of day that an incident took place
RefIncome	Sources of family income
RefInstitutionLevel	A classification of whether an institution's programs are 4-year or higher (4 year), higher than or equal to 2 but less than 4 year (2 year), or less than 2-year.
RefInternetAccess	The type of internet access available
RefItemAidSet	A tool or aid set used while viewing the item. This can include things like a calculator, reference tools, etc
RefK12Program	Program types that are provided by K12 schools
RefLanguage	Listing of languages
RefLanguageInstruction	The type of Title III language instructional programs.
RefLanguageRole	An indication of the function and context in which an individual uses a language to communicate.
RefLeaExit	Reasons for leaving an educational institution
RefLivingArrangement	Post secondary student living arrangements
RefLocation	Types of Locations; Mailing Address, Physical Address, Website, Cell Phone, Fax, GPS coordinates etc.
RefMagnetStatus	An indication of whether the school is a magnet school or has a magnet program within the school; Magnet School/Program- All Students, Magnet School/Program- Not All Students Participate in the Magnet School Program, No Magnet School/Program
RefMepEnrollment	Types of school/migrant education project in which instruction and/or support services are provided
RefMigrantMobility	An indication of the last qualifying move of a migrant student
RefNeglectedProgram	Title I, Part D program types

Table	Description
RefOperationalStatus	Indicates the operational status for an LEA or School; Open, Closed, New, Added, Changed Boundary, Inactive, Future Agency, Reopened
RefOrganization	Valid types of organizations; SEA, REA, LEA, School, Section, Program
RefOrganizationIndicator	Describes any sort of indicator/metric/measure that is tracked at the organization level
RefPersonName	The types of alternate names for a person.
RefPrekindergartenDay	The portion of a day that a pre-kindergarten program is provided to the students it serves
RefPrekindergartenEligibility	The groups of students for whom pre-kindergarten programs are available.
RefProgramLength	The type of hours (credit or contact) by which the normal length of a program of study is measured.
RefProofResidency	Forms of proof of residency in the district/county/other locality
RefPsCourseLevel	The level of work which is reflected in the credits associated with the academic course being described or the level of the typical student taking the academic course.
RefRace	Types of race/ethnic groupings.
RefRelationship	Types of relationships that may exist between two people; [first person] is the parent of [second person].
RefReportingMethod	The method that the instructor of the class uses to report the performance and achievement of all students. It may be a qualitative method such as individualized teacher comments or a quantitative method such as a letter or a numerical grade. In some case
RefRestructuringAction	The types of restructuring actions under ESEA as amended.
RefRole	Types of roles that persons may have when associated with an organization; student, staff, employee, etc.
RefRoleReporter	Type of individual who reported an incident
RefRoleStatus	Possible status values associated with a role that explain the start or termination of that role
RefScaleEvaluation	The quantitative or qualitative range of possible scores/rating for an individual's performance (e.g., 0 - 10; Poor, Fair, Average, Good, Excellent)
RefSchoolImprovementFundsStatus	An indication of whether the school received funds under Section 1003 of ESEA, as amended
RefSchoolLevel	An indication of the level of the education institution
RefSectionRole	Indicates what role a staff member serves within a section
RefSex	The concept describing the biological traits that distinguish the males and females of a species.
RefStaffCategory	Titles of employment, official status, or rank of education staff
RefStaffTitle	The descriptive name of an individual's position.
RefTeachingCredential	An indication of the category of credential an individual holds
RefTeachingField	Reaching fields within which an individual is authorized to teach by an active teaching credential. In a departmentalized organization, a teaching field is a major subdivision of the educational program such as language arts, mathematics.
RefTitle	An appellation, if any, used to denote rank, placement, or status (e.g., Mr., Ms., Reverend, Sister, Dr., Colonel).

Table	Description
RefTitle1Service	Title I support services
RefTitle1Status	An indication that a school is designated under State and Federal regulations as being eligible for participation in programs authorized by Title I and whether it has a Title I program; Title I Targeted Eligible School- No Program, Title I Targeted School
RefVisa	Nonresident alien's visa types
RefWeapon	Weapons, used in regards to discipline events
RegistrationAccommodation	Accommodations needed by a student for a given assessment
RoleAttendance	Aggregated attendance counts
RoleAttendanceDaily	Daily attendance tracking
RoleStatus	Identifies changes to the status of a role
SpecialEventPlan	A designation of the type of program developed for a student.
AssessmentFamily	Assessments with a common name, jurisdiction, or focus
Assessment	An instrument used to evaluate a person
AssessmentForm	An instance of an assessment
SubTestScore	Scoring associated with a Subtest
FormSubTest	Assessment items grouped for scoring purposes
FormSection	Assessment items grouped for administrative purposes
SubTestItem	Associates assessment items to a Subtest
SectionItem	Associates assessment items to a Section
SubTestLearningStandardItem	Associates Learning Standard Items with a Subtest
LearningStandardItem	Describes a specific competency
AssessmentItem	A specific prompt or protocol that triggers a response from or for a student
ItemCharacteristic	Psychometric measures provided for assessment items
AssessmentItemResponse	A student's provided responses to assessment items
RefItemRubric	Rubrics associated with an assessment item
RefCognitiveDifficulty	The percentage of students who answered the item correctly
RefAcademicSubject	Academic subjects of assessments
RefObjective	Assessment objectives
RefAssessmentAccommodation	Accommodations that may be provided as part of an assessment

## NDS Fields

The following table lists the NDS fields and the description used in the development of the logical model. This *description* may not be the same as the recommended *definition* for a coresponding CEDS v. 2.0 element. Sometimes this reflects differences in grain due to normalization. In cases where the NDS field represents the same concept and grain as the CEDS element the recommended definition may be used.

Table	Field	Nullable	Datatype	Description	List
AdequateYearlyProgressAppeal	AdequateYearlyProgressAppealId	NO	int	Surrogate key	N
AdequateYearlyProgressAppeal	AppealChangedDesignation	YES	bit	The number of districts and schools that appealed their AYP designations and had their appeal result in a change in the AYP designation	N
AdequateYearlyProgressAppeal	AppealDate	NO	datetime	Date that processing appeals based on SY 2008-09 data were complete	N
AdequateYearlyProgressAppeal	OrganizationAdequateYearlyProgressId	YES	int	Describes the progress made for an AYP report	N
Assessment	AllottedTime	YES	int	The amount of time allotted for an overall assessment.	N
Assessment	AssessmentFamilyId	YES	int	Surrogate Key	N
Assessment	AssessmentId	NO	int	The state, local or publisher unique Id for the assessment.	N
Assessment	AssessmentLevel	YES	nchar(10)		N
Assessment	AssessmentTitle	YES	char(18)	The title or name of the assessment.	N
Assessment	ChildrenWithDisabilities	YES	bit	Indicates if the assessment can be administered to children with disabilities	N
Assessment	IdentificationSystem	NO	int	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an assessment.	N
Assessment	IdentifierAssessment	NO	char(18)	A unique number or alphanumeric code assigned to an assessment by a school, school system, a state, or other agency or entity.	N
Assessment	IdentifierAssessment	NO	char(18)	The assessment identifier that may be associated with the assessment. This can be a local, state or publisher ID.	N
Assessment	LearningStandardItemId	NO	int	Foreign Key / LearningStandardItems	N
Assessment	RefAcademicSubjectId	NO	int	Academic subject associated with the assessment	Y
Assessment	RefObjectiveId	NO	int	Objective of the assessment	Y

Table	Field	Nullable	Datatype	Description	List
Assessment	ShortName	YES	char(18)		N
AssessmentFamily	AssessmentFamilyId	NO	int	Surrogate Key	N
Assessment Family	AssessmentFamilyTitle	YES	nchar(10)		N
Assessment Family	ShortName	YES	nchar(10)		N
AssessmentAdministration	AdministrationName	YES	char(18)	Name of the test.	N
AssessmentAdministration	AllottedTime	YES	nchar(10)		N
AssessmentAdministration	AssessmentAdministrationId	NO	int	Surrogate Key	N
AssessmentAdministration	AssessmentPlatform	YES	nchar(10)		N
AssessmentAdministration	AssessmentTime	YES	nchar(10)		N
AssessmentAdministration	BeginDate	YES	datetime	When the assessment is scheduled to begin	N
AssessmentAdministration	EndDate	YES	datetime	When the assessment is scheduled to end	N
AssessmentAdministration	LocationId	NO	int	Location that the assessment is being provided	N
AssessmentAdministration	Proctor_PersonId	NO	int	Proctor administering the assessment	N
AssessmentAdministration	RefLanguageId	NO	int	Language that the assessment is being provided in	Y
AssessmentForm	Assessment Secure Indicator	YES	bit		N
AssessmentForm	AssessmentFormId	NO	int	Surrogate Key	N
AssessmentForm	AssessmentId	YES	int	Assessment that the form is a part of	N
AssessmentForm	FormName	YES	nchar(10)	Title of the assessment form	N
AssessmentForm	FormNumber	YES	nchar(10)	The number of the assessment form.	N
AssessmentItem	AllottedTime	NO	int	Amount of time for completion of the assessment item	N
AssessmentItem	AssessmentItemId	NO	int	Foreign Key	N
AssessmentItem	DistractorAnalysis	YES	nchar(10)	The analysis of the distractors provided for a specific assessment.	N
AssessmentItem	ItemLabel	YES	char(18)		N
AssessmentItem	ItemName	YES	char(18)		N
AssessmentItem	ItemStem	YES	char(18)	The stem of the assessment item(s) and not the actual assessment item(s).	N
AssessmentItem	LearningStandardItemId	NO	int	Learning standard item related to the assessment item	N
AssessmentItem	MaximumScore	YES	char(18)		N
AssessmentItem	MinimumScore	YES	char(18)		N

Table	Field	Nullable	Datatype	Description	List
AssessmentItem	RefCognitiveDifficultyId	NO	int	The percentage of students who answered the item correctly	Y
AssessmentItem	RefItemRubricId	NO	int	Rubric associated with the assessment item	Y
AssessmentItem	Stimulus	YES	char(18)		N
AssessmentItemResponse	AidSetUsed	YES	nchar(10)		N
AssessmentItemResponse	AssessmentItemId	NO	int	Identifies the assessment item that the response relates to	N
AssessmentItemResponse	AssessmentItemResponseId	NO	int	Surrogate Key	N
AssessmentItemResponse	AssessmentRegistrationId	NO	int	Identifies the student that provided the responses	N
AssessmentItemResponse	PossibleScore	YES	nchar(10)		N
AssessmentItemResponse	Response	YES	nchar(10)		N
AssessmentItemResponse	ResponseTime	YES	nchar(10)		N
AssessmentItemResponse	ScoreValue	YES	nchar(10)		N
AssessmentRegistration	AssessmentAdministrationId	NO	int	Properties related to the provision of the assessment	N
AssessmentRegistration	AssessmentFormId	NO	int	The assessment form that is being provided	N
AssessmentRegistration	AssessmentRegistrationId	NO	int	Surrogate Key	N
AssessmentRegistration	ClassSection	YES	int		N
AssessmentRegistration	Lea_OrganizationId	NO	int	Optional reference to a school district associated with the registration.	N
AssessmentRegistration	ParticipationStatus	YES	nchar(10)		N
AssessmentRegistration	PersonId	NO	int	Optional reference to a staff person associated with the registration.	N
AssessmentRegistration	Purpose	YES	nchar(10)	The reason for which an assessment is being conducted.	N
AssessmentRegistration	ReasonNotCompleting	YES	nchar(10)	Reasons why children with disabilities (IDEA) did not participate in nor receive a valid score on the state assessment	N
AssessmentRegistration	ReasonNotCompleting	YES	nchar(10)	This would be if an unusual event occurred during the administration of the assessment. This could include fire alarm, student became ill, etc.	N
AssessmentRegistration	School_OrganizationId	NO	int	Optional reference to a school district associated with the registration.	N
AssignmentPosition	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N

Table	Field	Nullable	Datatype	Description	List
AssignmentPosition	RetirementBenefits	NO	Money (19, 4)	Contributions made by the school district, municipal, state, and other government agencies toward the teacher's retirement plan, prorated to the specific school indicated on the record (does not include contributions made by the teacher).	N
AssignmentPosition	SalaryIndicator	NO	bit	Indicator to determine whether the teacher's base salary includes pay for teaching assignments alone.	N
AssignmentPosition	TotalBenefits	NO	Money (19, 4)	Sum of retirement, health, and all other benefits, or total benefits paid by the school district, municipal, state, and other government agencies, prorated to the specific school indicated on the record.	N
AssignmentPosition	TotalSalary	YES	Money (19, 4)	Total salary paid to the teacher at the specific school indicated on the record.	N
DemographicRace	DemographicRaceId	NO	int	Surrogate Key	N
DemographicRace	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
DemographicRace	RefRaceId	YES	int	Descriptive label for social and cultural characteristics including, but not exclusive to, ancestry	Y
EIEnrollment	AttendanceRate	YES	decimal(19, 2)		N
EIEnrollment	ClassRoomIdentifier	YES	int		N
EIEnrollment	DaysPerWeek	YES	int		N
EIEnrollment	DaysPerYear	YES	int		N
EIEnrollment	HoursPerDay	YES	int		N
EIEnrollment	HoursPerMonth	YES	int		N
EIEnrollment	MonthsPerYear	YES	int		N
EIEnrollment	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
EISection	HoursPerMonth	NO	int	The number of hours per day the site or classroom is open for children to attend.	N
EISection	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
EISection	QrisParticipation	NO	bit	Program site participates in a Quality Rating and Improvement System (QRIS).	N
EventPlan	PersonId	YES	int	Inherited Surrogate Key of Super-type	N
EventPlan	RefActivityId	YES	int	Surrogate Key	Y

Table	Field	Nullable	Datatype	Description	List
EventPlan	SpecialEventId	NO	char(18)	Inherited Surrogate Key of Special Event	N
FamilyAssistance	FamilyAssistanceId	NO	int	Surrogate Key	N
FamilyAssistance	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
FamilyAssistance	RefAssistanceId	NO	int	Type of assistance the the family receives	Y
FamilyIncome	FamilyIncomeId	NO	int	Surrogate Key	N
FamilyIncome	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
FamilyIncome	RefIncomeId	NO	int	Surrogate Key	Y
Finance	FinanceAmount	NO	decimal(19, 2)	Dollar value for the finance amount	N
Finance	FinanceId	NO	int	Surrogate key	N
Finance	OrganizationId	YES	int	Organization of record for a Finance record	N
Finance	RefFinanceId	YES	int	Description of finance transaction being represented	Y
FormSection	AssessmentFormId	YES	int	Assessment form that the section belongs to	N
FormSection	FormSectionId	NO	int	Surrogate Key	N
FormSection	SectionTitle	YES	nchar(10)		N
FormSection	SequenceNumber	YES	nchar(10)		N
FormSubTest	AssessmentFormId	YES	int	Assessment form that the subtest belongs to	N
FormSubTest	ContainerOnly	YES	char(18)		N
FormSubTest	FormSubTestId	NO	int	Surrogate Key	N
FormSubTest	ScoreMetric	YES	nchar(10)		N
FormSubTest	ScoreRange	YES	char(18)		N
FormSubTest	SubTestAbbreviation	YES	nchar(10)	The shortened name identifying the assessment for use in reference and/or reports.	N
FormSubTest	SubTestTier	YES	char(18)		N
FormSubTest	SubTestTitle	YES	char(18)		N
HealthBirth	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
HealthBirth	WeeksGestation	NO	int	The number of weeks during gestational period.	N
HealthBirth	Weight	NO	decimal(5, 2)	The weight of a child at birth in pounds and ounces.	N
HealthImmunization	HealthImmunizationId	NO	int	Surrogate Key	N
HealthImmunization	ImmunizationDate	NO	date	An indication that an immunization is specifically required by an organization or governing body.	N
HealthImmunization	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
HealthImmunization	RefImmunizationId	NO	int	The type of immunization a person received	Y

Table	Field	Nullable	Datatype	Description	List
IncidentDiscipline	Duration	NO	int	The length, in school days, of the disciplinary action.	N
IncidentDiscipline	EducationalServices	NO	bit	An indication of whether children (students) were provided educational services when removed from the regular school program for disciplinary reasons.	N
IncidentDiscipline	ExpulsionFullYear	NO	bit	An expulsion with or without services for a period of one full year (i.e., 365 days).	N
IncidentDiscipline	ExpulsionShortened	NO	bit	An expulsion with or without services that is shortened to a term of less than one year by the superintendent or chief administrator of a school district.	N
IncidentDiscipline	IncidentId	NO	int	Surrogate Key	N
IncidentDiscipline	ZeroTolerancePolicy	NO	bit	An indication of whether or not any of the disciplinary actions taken against a student were imposed as a consequence of state or local zero tolerance policies.	N
ItemCharacteristic	AssessmentItemId	NO	int	Surrogate Key	N
ItemCharacteristic	CharacteristicValue	YES	nchar(10)		N
ItemCharacteristic	Descriptive	YES	char(18)	No SIF Definition	N
ItemCharacteristic	DifferentialItemAnalysis	YES	char(18)	No SIF Definition	N
ItemCharacteristic	ItemCharacteristicId	NO	int	Surrogate Key	N
ItemCharacteristic	RefCharacteristicId	NO	int	Surrogate Key	Y
ItemCharacteristic	ResponseChoicePattern	YES	char(18)	The distribution of responses to each choice. This element only applies to multiple choice items.	N
ItemPossibleResponse	AssessmentItemId	NO	int	Surrogate Key	N
ItemPossibleResponse	Correct	NO	bit	Indicates whether the possible response is the correct answer to the assessment item	N
ItemPossibleResponse	ItemPossibleResponseId	NO	int	Surrogate Key	N
ItemPossibleResponse	Response	NO	int	The distribution of responses for each choice in the assessment item.	N
K12DistrictTitleV	InnovativeDollarStrategic	YES	decimal(15, 2)	Amount of Title V, Part A funds expended by LEAs for the four strategic priorities	N
K12DistrictTitleV	InnovativeDollarTotal	YES	decimal(15, 2)	Total Title V, Part A funds expended by LEAs	N
K12DistrictTitleV	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N

Table	Field	Nullable	Datatype	Description	List
K12DistrictTitleV	ReceivedInnovativeFunds	YES	bit	The total number of LEAs that received Title V, Part A funds	N
K12Lea	IdentifierState	YES	char(18)	The identifier assigned to a local education agency (LEA) by the state education agency (SEA).	N
K12Lea	IntegratedTechnology	NO	bit	An indication of whether the district has effectively and fully integrated technology, as defined by the state.	N
K12Lea	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12Lea	RefEducationAgencyId	YES	int	The classification of the education agency within the geographic boundaries of a state according to the level of administrative and operational control granted by the state.	Y
K12Lea	SupervisoryUnionIdentification	YES	char(7)	The seven-digit unique identifier assigned to the supervisory union by the National Center for Education Statistics (NCES) and the U.S. Census Bureau. Also known as the NCES Supervisory Union ID.	N
K12Lea	Title1	YES	bit	An indication that a district is designated under State and Federal regulations as being a Title I district.	N
K12Program	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12Program	RefK12ProgramId	NO	int	Surrogate Key	Y
K12ProgramTitle3	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12ProgramTitle3	RefLanguageInstructionId	NO	int	Surrogate Key	Y
K12ReaCounty	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12ReaCounty	RefCountyId	NO	int	Identifies the County associated with an REA	Y
K12School	IdentifierState	YES	varchar(7)	Unique identification number assigned to the school by the State	N
K12School	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12School	PersistentlyDangerous	NO	bit	Indicates whether or not a school is classified as persistently dangerous according to the state definition.	N
K12School	RefLocaleId	NO	int	The designation of a school's or district's degree of urbanization based on its geographic location and population attributes such as density. May also be known as urbanicity.	Y

Table	Field	Nullable	Datatype	Description	List
K12School	RefSchoolLevelId	NO	int	Surrogate Key	Y
K12School	SchoolYearMinutes	NO	int	The number of minutes that all students were required to be at school and any additional learning time (e.g., before or after school, weekend school, summer school) for which all students had the opportunity to participate.	N
K12SchoolCharter	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12SchoolCharter	Status	NO	bit	An indication of whether the school provides free public elementary and/or secondary education to eligible students under a specific charter granted by the state legislature or other appropriate authority.	N
K12SchoolCourse	CourseSequence	YES	int	Where a specific course lies when it is part of a consecutive sequence of courses. This element should be interpreted as part "n" of "m" parts." (ex. if a school offers 4 years of Theater, Theater 3 within this school would be indicated in the sequen	N
K12SchoolCourse	GradePointAverageApplicability	YES	bit	An indicator of whether or not this course being described is included in the computation of the student's Grade Point Average, and if so, if it weighted differently from regular courses.	N
K12SchoolCourse	HighSchoolRequirement	YES	bit	An indication that this course credit is required for a high school diploma.	N
K12SchoolCourse	K12SchoolCourseId	NO	int	Surrogate key	N
K12SchoolCourse	OrganizationId	YES	int	Inherited Surrogate Key of Super-type	N
K12SchoolCourse	RefCourseId	NO	int	An instance of a course at a specific K12 school	Y
K12SchoolCourse	RefInstructionalLevelId	YES	int	Surrogate Key	Y
K12SchoolImprovement	Allocation	YES	int	Amount of Section 1003(a) and 1003(g) Allocations to LEAs and Schools	N
K12SchoolImprovement	ExitDate	YES	datetime	Date school exited School Improvement status	N
K12SchoolImprovement	K12SchoolImprovementId	NO	int	Surrogate Key	N
K12SchoolImprovement	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N

Table	Field	Nullable	Datatype	Description	List
K12SchoolImprovement	PercentageReserved	YES	int	Indicates the percentage of the FY 2008 (SY 2008-09) Title I, Part A allocation that the SEA reserved in accordance with Section 1003(a) of ESEA and §200.100(a) of ED's regulations governing the reservation of funds for school improvement under Section 1	N
K12SchoolImprovement	RefImprovementOutcomeld	NO	int	Most common other positive outcomes of the use of the Effective School Improvement Strategies	Y
K12SchoolImprovement	RefSchoolImprovementFundsStatusId	NO	int	Surrogate Key	Y
K12SchoolIndicator	AbilityGrouping	YES	bit	An indication of whether the school has students in this school who are ability grouped for classroom instruction in mathematics or English/reading/language arts.	N
K12SchoolIndicator	AdvancedPlacementSelfSelect	YES	bit	Can students self-select to participate in AP courses?	N
K12SchoolIndicator	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12SchoolIndicator	Proficiency_RefAmaoStatusId	YES	int	An indication whether the State, District, or School met the Annual Measurable Achievement Objectives (AMAO) for English proficiency for limited English proficient (LEP) students under Title III of ESEA.	N
K12SchoolIndicator	Progress_RefAmaoStatusId	YES	int	An indication whether the State, District, or School met the Annual Measurable Achievement Objectives (AMAO) for making progress in learning English for limited English proficient (LEP) students under Title III of ESEA.	N
K12SchoolIndicator	ReapAlternativeFunding	YES	bit	An indication that the LEA notified the State of the LEA's intention to use the REAP-Flex Alternative Uses of Funding Authority under Section 6211 during the school year.	N

Table	Field	Nullable	Datatype	Description	List
K12SchoolIndicator	Reconstituted	NO	bit	An indication that the school was restructured, transformed or otherwise changed as a consequence of the state's accountability system under ESEA or as a result of School Improvement Grants (SIG).	N
K12SchoolIndicator	RefAlternativeFocusId	YES	int	An indication of the specific group of students whose needs are designed to be met by the alternative school.	Y
K12SchoolIndicator	RefElementaryMiddleAdditionalId	YES	int	An indication of whether the school or district met the Elementary/Middle Additional Indicator requirement in accordance with state definition.	Y
K12SchoolIndicator	RefGunFreeSchoolsActStatusId	NO	int	Surrogate Key	Y
K12SchoolIndicator	RefInternetAccessId	NO	int	Surrogate Key	Y
K12SchoolIndicator	RefMagnetStatusId	YES	int	An indication of whether the school is a magnet school or has a magnet program within the school.	Y
K12SchoolIndicator	RefRestructuringActionId	YES	int	The types of restructuring actions under ESEA as amended	Y
K12SchoolIndicator	RefTitle1StatusId	YES	int	Surrogate Key	Y
K12SchoolIndicator	Section1003A	YES	bit	An indication of whether the school received School Improvement funds under Section 1003 of ESEA, as amended.	N
K12SchoolIndicator	SharedTime	YES	bit	An indicator of whether a school offers vocational/technical education or other education services, in which some or all students are enrolled at a separate school of record and attend the shared-time school on a part-day basis, e.g., a regional vocational	N
K12SchoolPolicyHarassment	K12SchoolPolicyHarassmentId	NO	int	Surrogate Key	N
K12SchoolPolicyHarassment	OrganizationId	YES	int	Inherited Surrogate Key of Organization holding policy	N
K12SchoolPolicyHarassment	RefPolicyHarassmentId	YES	int	Indicates items for which the LEA has a written policy	Y
K12SchoolPrekindergarten	Age	YES	int	The ages of children not served under IDEA to whom the LEA's pre-kindergarten services are available.	N

Table	Field	Nullable	Datatype	Description	List
K12SchoolPrekindergarten	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12SchoolPrekindergarten	RefPrekindergartenDayId	YES	int	Surrogate Key	Y
K12SchoolPrekindergarten	RefPrekindergartenEligibilityId	YES	int	Surrogate Key	Y
K12SchoolSafeDrugFree	Baseline	YES	varchar(6)	Baseline of performance indicator of student behavior under the Safe and Drug-Free Schools and Communities Act	N
K12SchoolSafeDrugFree	BaselineYear	YES	char(9)	Academic year the baseline was established	N
K12SchoolSafeDrugFree	CollectionFrequency	YES	varchar(20)	Frequency of data collection for performance indicator under the Safe and Drug-Free Schools and Communities Act	N
K12SchoolSafeDrugFree	Indicator	YES	varchar(100)	Name of the performance indicator for student behaviors under the Safe and Drug-Free Schools and Communities Act	N
K12SchoolSafeDrugFree	Instrument	YES	varchar(100)	Instrument or Data Source for reported performance indicator of student behavior under the Safe and Drug-Free Schools and Communities Act	N
K12SchoolSafeDrugFree	LatestCollectionYear	YES	char(9)	Academic year of the most recent collection of the performance indicator	N
K12SchoolSafeDrugFree	OrganizationId	NO	int	Inherited Surrogate Key of Organization holding policy	N
K12SchoolSafeDrugFree	Performance	YES	varchar(5)	Actual performance for the given indicator of student behavior under the Safe and Drug-Free Schools and Communities Act	N
K12SchoolSafeDrugFree	RefParentInvolvementId	NO	char(18)	Five most common types of efforts your State uses to inform parents of, and include parents in, drug and violence prevention efforts	Y
K12SchoolSafeDrugFree	Target	YES	varchar(5)	Targeted performance for the given indicator of student behavior under the Safe and Drug-Free Schools and Communities Act	N
K12Sea	FipsStateCode	YES	char(2)	The Federal Information Processing Standards (FIPS) numeric code for the state.	N
K12Sea	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12Section	AlignedStateStandards	NO	bit	An indication whether a course is aligned with the state's standards.	N

Table	Field	Nullable	Datatype	Description	List
K12Section	CourseSectionCode	YES	varchar(30)		N
K12Section	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12Section	RefCourseId	NO	int	Identifies the Course that is represented by the Section	Y
K12Section	RefCreditAdditionalId	YES	int	Surrogate Key	Y
K12Section	RefLanguageId	YES	int	Surrogate Key	Y
K12Section	SecondarySubjectArea	YES	varchar(20)	The intended major subject area of the secondary education course.	N
K12SectionClass	EndTime	NO	time	An indication of the time of day the class ends.	N
K12SectionClass	Friday	NO	bit	Indicates whether class is in session for the given day of the week	N
K12SectionClass	K12SectionClassId	NO	int	Surrogate Key	N
K12SectionClass	Monday	NO	bit	Indicates whether class is in session for the given day of the week	N
K12SectionClass	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12SectionClass	Period	NO	int	An indication of the portion of a typical daily session in which students receive instruction in a specified subject (e.g., morning, sixth period, block period, or AB schedules).	N
K12SectionClass	StartTime	NO	time	An indication of the time of day the class begins.	N
K12SectionClass	Thursday	NO	bit	Indicates whether class is in session for the given day of the week	N
K12SectionClass	Tuesday	NO	bit	Indicates whether class is in session for the given day of the week	N
K12SectionClass	Wednesday	NO	bit	Indicates whether class is in session for the given day of the week	N
K12SectionCompletionTime	CompletionTime	NO	int	The actual or estimated number of clock hours or minutes required for class completion. This number is especially important for occupational or vocational classes and may represent the clock hour requirement of the class, the number of minutes (or clock h	N
K12SectionCompletionTime	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
K12SectionCompletionTime	RefTimeUnitId	NO	int	Surrogate Key	Y

Table	Field	Nullable	Datatype	Description	List
K12SectionGrade	CreditAttempted	YES	decimal(3, 2)	The number of credits that a student can earn for enrolling in and completing a given course.	N
K12SectionGrade	CreditReceived	YES	decimal(3, 2)	The number of credits a student earned for completing a given course.	N
K12SectionGrade	GradeEarned	YES	varchar(5)	A final indicator of student performance in a class as submitted by the instructor.	N
K12SectionGrade	OrganizationCalendarRollupId	NO	int	Surrogate Key	N
K12SectionGrade	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
K12Staff	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
K12Staff	TotalYearsTeaching	YES	char(18)	The total number of years that an individual has previously held a teaching position in one or more education institutions.	N
K12StaffSection	ContributionPercentage	YES	char(18)	A percentage used to weight the educator's assigned responsibility for student learning in a Class Section, particularly when more than one educator is assigned to the class section.	N
K12StaffSection	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
K12StaffSection	RefSectionRoleId	YES	int	Surrogate Key	Y
K12StudentClassRank	ClassRank	NO	int	The academic rank of a student in relation to his or her graduating class (e.g., 1st, 2nd, 3rd).	N
K12StudentClassRank	ClassRankDate	NO	datetime	Date class ranking was determined.	N
K12StudentClassRank	ClassSize	YES	int	The total number of students in the student's graduating class.	N
K12StudentClassRank	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
K12StudentCourse	CourseRepeat	YES	bit	Indicates that an academic course has been repeated by a student and how that repeat is to be computed in the student's academic grade average.	N
K12StudentCourse	MidTermMark	YES	varchar(5)	Indicator of student performance at the mid-point of the marking period.	N
K12StudentCourse	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
K12StudentCourse	RefCreditId	YES	char(18)	The type of credits or units of value awarded for the completion of a course.	Y
K12StudentDiscipline	EndDate	YES	datetime	Discipline End Date	N
K12StudentDiscipline	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N

Table	Field	Nullable	Datatype	Description	List
K12StudentDiscipline	RefDisciplineId	YES	int	The method used to discipline students who are not children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents.	Y
K12StudentDiscipline	RefDisciplineId	YES	int	The reason why the student was disciplined.	Y
K12StudentDiscipline	RefDisciplineId	YES	int	Whether the student was disciplined for harassment or bullying	Y
K12StudentDiscipline	RefDisciplineId	YES	int	Whether the student was subjected to restraint or seclusion	Y
K12StudentDiscipline	RefDisciplineReasonId	YES	char(18)	An indication of whether children (students) were provided educational services when removed from the regular school program for disciplinary reasons.	Y
K12StudentDiscipline	RefDisciplineReasonId	YES	char(18)	Discipline Start Date	Y
K12StudentDiscipline	RefDisciplineReasonId	YES	char(18)	The reasons why children with disabilities were unilaterally removed from their current educational placement to an interim alternative educational setting.	Y
K12StudentDiscipline	RefDisciplineReasonId	YES	char(18)	The type of interim removal from current educational setting experienced by children with disabilities (IDEA).	Y
K12StudentDiscipline	RefDisciplineReasonId	YES	char(18)	Whether the student was reported to have been harassed or bullied	Y
K12StudentDiscipline	RefDisciplineMethodId	YES	int	Surrogate Key	Y
K12StudentDiscipline	StartDate	YES	datetime	Initial date of the discipline period	N
K12StudentEnrollment	Accountable	NO	bit		N
K12StudentEnrollment	Active	NO	bit	An indication as to whether a student's name was, is, or will be officially registered on the roll of a school or schools.	N
K12StudentEnrollment	Attending	NO	bit		N
K12StudentEnrollment	FinancialResponsibility	NO	bit		N
K12StudentEnrollment	Graduating	NO	bit		N
K12StudentEnrollment	LeaGedProgramParticipation	YES	bit	Indicates whether the student is participating in the GED program	N
K12StudentEnrollment	NgaGraduationCohort	YES	char(4)	The academic year in which a student entered as part of the GRS cohort.	N

Table	Field	Nullable	Datatype	Description	List
K12StudentEnrollment	NgaGraduationCohort	YES	char(4)	The year cohorts graduated with a regular high school diploma.	N
K12StudentEnrollment	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
K12StudentEnrollment	RefCredentialId	YES	int	Surrogate Key	Y
K12StudentEnrollment	RefGradeId	YES	int	Surrogate Key	Y
K12StudentEnrollment	Transportation	NO	bit		N
K12StudentIncident	Cost	NO	money(19, 4)	Monetary cost associatd with the incident	N
K12StudentIncident	IncidentDate	YES	datetime	The type of weapon	N
K12StudentIncident	IncidentDescription	NO	varchar(256)	The description for an incident.	N
K12StudentIncident	IncidentId	NO	int	Surrogate key	N
K12StudentIncident	OrganizationPersonRoleId	YES	int	Inherited Surrogate Key of Super-type	N
K12StudentIncident	RefIncidentBehaviorId	NO	int	Surrogate Key	Y
K12StudentIncident	RefIncidentBehaviorSecondaryId	NO	int	Surrogate Key	Y
K12StudentIncident	RefIncidentInjuryId	NO	int	Surrogate Key	Y
K12StudentIncident	RefIncidentLocationId	NO	int	Surrogate Key	Y
K12StudentIncident	RefIncidentTimeId	NO	int	Surrogate Key	Y
K12StudentIncident	RefRoleReporterId	NO	int	Surrogate Key	Y
K12StudentIncident	RefWeaponId	YES	char(18)	The type of suspension or expulsion used for the discipline of children with disabilities.	Y
K12StudentIncident	Reporter_PersonId	NO	int	Surrogate Key	N
K12StudentTranscript	ActivityParticipationRecognition	YES	varchar(20)	The nature of recognition given to the student for accomplishments in a co-curricular, or extra-curricular activity.	N
K12StudentTranscript	CreditsAttemptedCumulative	YES	decimal(5, 2)	The cumulative number of credits an individual attempts to earn by taking courses during his or her enrollment in the current school as well as those credits transferred from schools in which the individual had been previously enrolled.	N
K12StudentTranscript	CreditsEarnedCumulative	YES	decimal(5, 2)	The cumulative number of credits an individual earns by completing courses or examinations during his or her enrollment in the current school as well as those credits transferred from schools in which the individual had been previously enrolled.	N

Table	Field	Nullable	Datatype	Description	List
K12StudentTranscript	DiplomaAwardDate	YES	datetime	The month and year on which the diploma/credential is awarded to a student in recognition of his/her completion of the curricular requirements.	N
K12StudentTranscript	GpaCumulative	YES	decimal(2, 1)	A measure of average performance in all courses taken by an individual during his or her school career as determined for record-keeping purposes. This is obtained by dividing the total grade points received by the total number of credits attempted. This u	N
K12StudentTranscript	GpaGivenSession	YES	decimal(2, 1)	A measure of average performance in all courses taken by an individual during a given session. This is obtained by dividing the total grade points received by the number of credits attempted for the same session.	N
K12StudentTranscript	GradePointsEarnedCumulative	YES	decimal(2, 1)	The cumulative number of grade points an individual earns by successfully completing courses or examinations during his or her enrollment in the current school as well as those transferred from schools in which the individual had been previously enrolled.	N
K12StudentTranscript	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
K12StudentTranscript	ProjectedGraduationDate	YES	datetime	The month and year the student is projected to graduate.	N
K12StudentTranscript	RefHonorsId	YES	int	A description of the type of academic distinctions earned by or awarded to the individual.	Y
LearningStandardItem	ChildOf_LearningStandardItem	YES	nchar(10)		N
LearningStandardItem	IdentifierLearningStandardItem	NO	char(18)		N
LearningStandardItem	LearningStandardItemCode	YES	nchar(10)	The alphanumeric ID of the learning standard.	N
LearningStandardItem	LearningStandardItemId	NO	int	Surrogate Key	N
LearningStandardItem	Prerequisite_LearningStandardItem	YES	nchar(10)		N
LearningStandardItem	Statement	YES	nchar(10)		N
Location	LocationId	NO	int	Surrogate Key	N
Location	RefLocationId	YES	int	Indicates the type of Location; Address, Email address, Phone number, etc.	Y
LocationAddress	Address	NO	varchar(100)	Street based address.	N

Table	Field	Nullable	Datatype	Description	List
LocationAddress	Address2	YES	varchar(20)	Street based address.	N
LocationAddress	City	YES	varchar(20)	City	N
LocationAddress	Country	NO	varchar(50)	Country of the Address	N
LocationAddress	County	YES	varchar(20)	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located.	N
LocationAddress	LocationId	NO	int	Inherited Surrogate Key of Super-type	N
LocationAddress	State	NO	char(2)	The State that the address is located within	N
LocationAddress	Zip	NO	char(5)	Five digit zip code	N
LocationEmail	Email	NO	varchar(50)	Email address.	N
LocationEmail	LocationId	NO	int	Inherited Surrogate Key of Super-type	N
LocationFacility	Building	NO	varchar(20)	Building identifier of a location	N
LocationFacility	LocationId	NO	int	Inherited Surrogate Key of Super-type	N
LocationFacility	Room	NO	varchar(20)	The room number of a location	N
LocationGeographicCoordinate	Latitude	NO	int	The north or south angular distance from the equator that, when combined with longitude, reflects an estimation of where the school is physically situated.	N
LocationGeographicCoordinate	LocationId	NO	int	Surrogate Key	N
LocationGeographicCoordinate	Longitude	NO	int	The east or west angular distance from the prime meridian that, when combined with latitude, reflects an estimation of where the school is physically situated.	N
LocationPhone	LocationId	NO	int	Inherited Surrogate Key of Super-type	N
LocationPhone	Phone	NO	char(10)	A telephone, cellular or fax number	N
LocationPhone	PrimaryIndicator	NO	bit	An indication that the telephone number should be used as the principal number for an individual or organization.	N
LocationWebsite	LocationId	NO	int	Inherited Surrogate Key of Super-type	N
LocationWebsite	Website	NO	varchar(100)	Website	N

Table	Field	Nullable	Datatype	Description	List
MepQualifyingMove	ArrivalDate	NO	datetime	In general, the qualifying arrival date (QAD) is the month, date, and year that the child completed a move with his or her parent to enable the parent to find qualifying employment. In some cases, the child and worker may not always move together, in which	N
MepQualifyingMove	FromCity	NO	varchar(30)	The name of the city in which the child resided prior to the qualifying move	N
MepQualifyingMove	FromCountry	NO	varchar(20)	The abbreviation code for a country (other than the US) area in which the child resided prior to the qualifying move.	N
MepQualifyingMove	FromState	NO	char(2)	The postal abbreviation code for a state (within the United States) or outlying area in which the child resided prior to the qualifying move	N
MepQualifyingMove	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
MigrantMep	ContinuationServices	YES	bit	An indication that migrant children are receiving instructional or support services under the continuation of services authority ESEA Title III Section 1304(e)(2)-(3).	N
MigrantMep	ContinuationServicesReason	YES	varchar(60)	Reason why the student is being served under the continuation of services provision of the MEP.	N
MigrantMep	ExpirationDate	YES	datetime	The year, month, and day on which the child is no longer eligible for the Migrant Education Program. This date should initially be a date equal to 36 months from the Qualifying Arrival Date to indicate the end of MEP eligibility or the student reaches 22	N
MigrantMep	MepFundsConsolidated	YES	bit	An indication of whether the school has a schoolwide program, as defined by Title I of ESEA as amended, in which federal Migrant Education Program (MEP) funds are consolidated as authorized under 34 CFR Section 200.29.	N
MigrantMep	MepSchoolBased	YES	bit	Indicates the type of MEP project based on the location where the MEP services are held.	N
MigrantMep	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
MigrantMep	RefMepEnrollmentId	YES	int	Surrogate Key	Y

Table	Field	Nullable	Datatype	Description	List
Organization	IdentifierGlobal	NO	varchar(20)	A state provided unique identifier; the NCES Number for REA, LEA and Schools.	N
Organization	Name	NO	varchar(60)	The full name of the Organization.	N
Organization	OrganizationId	NO	int	Surrogate Key	N
Organization	RefOrganizationId	YES	int	Indicates the type of Organization; K-12 School, PS Campus, Program, etc.	Y
OrganizationAdequateYearlyProgress	AlternateApproachStatus	YES	varchar(20)	An indication of whether the district or school used an approved alternate approach for calculating AYP.	N
OrganizationAdequateYearlyProgress	OrganizationAdequateYearlyProgressId	NO	int	Surrogate key	N
OrganizationAdequateYearlyProgress	OrganizationId	YES	int	Organization that bears the AYP Progress	N
OrganizationAdequateYearlyProgress	RefAypImprovementId	YES	int	An indication of the improvement stage of the district or school.	Y
OrganizationAdequateYearlyProgress	RefAypMeasureId	NO	int	Surrogate Key	Y
OrganizationAdequateYearlyProgress	RefAypStatusId	NO	int	Surrogate Key	Y
OrganizationAdequateYearlyProgress	TargetMet	NO	bit	An indication of whether the school or district met the 95 percent participation requirement in the mathematics assessment in accordance with state definition.	N
OrganizationAdequateYearlyProgress	TargetMet	NO	bit	An indication of whether the school or district met the 95 percent participation requirement in the reading/language arts assessment in accordance with state definition.	N
OrganizationAdequateYearlyProgress	TargetMet	NO	bit	An indication of whether the school or district met the 95 percent participation requirement on the reading/language arts assessment in accordance with state definition.	N
OrganizationAdequateYearlyProgress	TargetMet	NO	bit	An indication of whether the school or district met the math proficiency target in accordance with state definition.	N

Table	Field	Nullable	Datatype	Description	List
OrganizationAdequateYearlyProgress	TargetMet	NO	bit	An indication of whether the school or district met the reading/language arts proficiency target in accordance with state definition.	N
OrganizationCalendar	OrganizationCalendarId	NO	int	Surrogate Key	N
OrganizationCalendar	OrganizationId	YES	int	The Organization that the Calendar event belongs to	N
OrganizationCalendar	RefCalendarId	YES	int	Identifies the Calendar event at an Organization	Y
OrganizationCalendar	RefCalendarStatusId	YES	int	Surrogate Key	Y
OrganizationCalendar	ServiceDate	YES	char(18)	Date of the Calendar event	N
OrganizationCalendarRollup	EndDate	NO	datetime	The final date/datetime of the calendar period	N
OrganizationCalendarRollup	OrganizationCalendarRollupId	NO	int	Surrogate Key	N
OrganizationCalendarRollup	OrganizationId	YES	int	The Organization associated with the calendar period	N
OrganizationCalendarRollup	RefCalendarRollupId	YES	int	The type of calendar period	Y
OrganizationCalendarRollup	StartDate	NO	datetime	The initial date/datetime of the calendar period	N
OrganizationIdentifier	Identifier	NO	int	A unique code assigned by the U.S. Department of Education to schools participating in the Title IV Federal Student Aid programs. Individuals enter these codes in the Free Application for Federal Student Aid (FAFSA) to indicate which postsecondary schools	N
OrganizationIdentifier	Identifier	NO	int	A unique number or alphanumeric code assigned to an institution by a school, school system, a state, or other agency or entity.	N
OrganizationIdentifier	Identifier	NO	int	Identification number used by the U.S. Department of Education's Office of Postsecondary Education (OPE) to identify schools that have Program Participation Agreements (PPA) so that its students are eligible to participate in Federal Student Financial Ass	N
OrganizationIdentifier	Identifier	NO	int	Unique identification number assigned to postsecondary institutions surveyed through the Integrated Postsecondary Education Data System (IPEDS). Also referred to as UNITID or IPEDS ID.	N
OrganizationIdentifier	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
OrganizationIdentifier	OrganizationIdentifierId	NO	int	Surrogate Key	N

Table	Field	Nullable	Datatype	Description	List
OrganizationIdentifier	RefIdentifierOrganizationId	NO	int	Surrogate Key	Y
OrganizationIndicator	IndicatorValue	NO	varchar(50)	Value of the tracked indicator	N
OrganizationIndicator	OrganizationId	YES	int	Organization that contains the Indicator	N
OrganizationIndicator	OrganizationIndicatorId	NO	int	Surrogate key	N
OrganizationIndicator	RefOrganizationIndicatorId	YES	int	The metric/indicator/value that is being tracked	Y
OrganizationLocation	LocationId	NO	int	The Location associated with an Organization	N
OrganizationLocation	OrganizationId	NO	int	Identifies the Organization that relates to a Location	N
OrganizationLocation	OrganizationLocationId	NO	int	Surrogate Key	N
OrganizationOperationalStatus	OrganizationId	YES	int	Inherited Surrogate Key of Organization	N
OrganizationOperationalStatus	OrganizationOperationalStatusId	NO	int	Surrogate Key	N
OrganizationOperationalStatus	RefOperationalStatusId	YES	int	Indicates the current operational status of an Organization	Y
OrganizationOperationalStatus	StatusDate	NO	datetime	Effective date of the operational status	N
OrganizationPersonRole	EntryDate	NO	datetime	The date associated with the commencement/entry/start of a role for a person at an organization	N
OrganizationPersonRole	ExitDate	NO	datetime	The date associated with the termination/exit/end of a role for a person at an organization	N
OrganizationPersonRole	OrganizationId	YES	int	Inherited Surrogate Key of Super-type	N
OrganizationPersonRole	OrganizationPersonRoleId	NO	int	Surrogate Key	N
OrganizationPersonRole	PersonId	YES	int	Inherited Surrogate Key of Super-type	N
OrganizationPersonRole	RefRoleId	NO	int	Surrogate Key	Y
OrganizationStatistic	OrganizationId	NO	int	Identifies the Organization that is represented by the Statistic	N
OrganizationStatistic	OrganizationStatisticId	NO	int	Surrogate Key	N
OrganizationStatistic	StatisticValue	YES	char(18)	A statistic's value within an Organization, for an Indicator	N
PerformanceLevel	MaximumScore	YES	nchar(10)	Highest possible score for the performance level.	N
PerformanceLevel	Metric	YES	nchar(10)	The metric or scale used for score reporting.	N
PerformanceLevel	MinimumScore	YES	nchar(10)	Lowest possible score for the performance level.	N
PerformanceLevel	PerformanceLevel	YES	nchar(10)	The level of performance of students on an assessment.	N
PerformanceLevel	PerformanceLevelId	NO	int	Surrogate Key	N

Table	Field	Nullable	Datatype	Description	List
PerformanceLevel	ShortName	YES	nchar(10)		N
PerformanceLevel	SubTestScoreId	NO	int	Surrogate Key	N
Person	IdentifierGlobal	NO	varchar(30)	A string that uniquely identifies, and completely represents a Person	N
Person	PersonId	NO	int	Surrogate Key	N
Person	RefPersonId	YES	int	Indicates the context of the Person; Staff, Student, Parent	Y
PersonBirthplace	BirthCity	YES	char(18)	The name of the city (within the United States) or extra-state jurisdiction in which an individual was born.	N
PersonBirthplace	BirthCountry	YES	char(18)	The unique two digit International Organization for Standardization (ISO) code for the country in which an individual is born. (Note: A list of countries and codes is currently maintained and updated by the ISO as ISO 3166 on its website: <a href="http://www.iso.o">http://www.iso.o</a> )	N
PersonBirthplace	BirthState	YES	char(18)	The abbreviation for the name of the state (within the United States) or extra-state jurisdiction in which an individual was born.	N
PersonBirthplace	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
PersonDegree	PersonDegreeId	NO	int	Surrogate Key	N
PersonDegree	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
PersonDegree	RefDegreeId	YES	int	Surrogate Key	Y
PersonDemographic	BirthDate	YES	datetime	The month, day, and year on which an individual was born.	N
PersonDemographic	Citizen	YES	bit	Is the person a U.S. citizen?	N
PersonDemographic	EconomicDisadvantaged	YES	bit	An indication of inadequate financial condition of an individual's family, as determined by family income, number of family members/dependents, participation in public assistance programs, and/or other characteristics considered relevant by federal, stat	N
PersonDemographic	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
PersonDemographic	RefProofResidencyId	NO	int	Surrogate Key	Y

Table	Field	Nullable	Datatype	Description	List
PersonDemographic	RefSexId	YES	int	The concept describing the biological traits that distinguish the males and females of a species.	Y
PersonDemographic	RefVisalId	YES	int	Surrogate Key	Y
PersonDemographic	StateResidence	YES	char(2)	An individual's permanent address as determined by such evidence as a driver's license or voter registration. For entering freshmen, state of residence may be the legal state of residence of a parent or guardian.	N
PersonFamily	FamilySize	YES	int	The calculation method used by a program to determine total family income.	N
PersonFamily	FamilySize	YES	int	Total number of individuals residing in the same household.	N
PersonFamily	MonthlyIncome	YES	int	Total income of family from all sources. Income includes money, wages or salary before deductions; net income from non-farm self-employment; net income from farm self-employment; regular payments from Social Security or railroad retirement; payments from	N
PersonFamily	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
PersonFamily	RefEducationLevelId	YES	int	An indication of the level of education of the student's parents, based on the following categories: 01: Neither or the student's parents ever enrolled in any postsecondary education. 02: One or more parents has some college. 03: One or more parents has a	Y
PersonFamily	SupplementalSecurityIncome	NO	bit	At least one family member receives Supplemental Security Income (SSI).	N
PersonFamily	TanfAssistanceStatus	YES	bit	Family receives Temporary Assistance for Needy Families (TANF) funds.	N
PersonHealth	AllergyAlert	NO	bit		N
PersonHealth	DentalScreening	NO	bit	The condition of an individual's mouth or oral cavity; more specifically the condition of the hard tissues (i.e., teeth and jaws) and the soft tissues (i.e., gums, tongue, lips, palate, mouth floor, and inner cheeks). Good oral health denotes the absence	N

Table	Field	Nullable	Datatype	Description	List
PersonHealth	DentalServices	YES	bit	The nature of insurance covering an individual's dental care.	N
PersonHealth	HearingScreening	YES	bit	An examination used to measure an individual's ability to perceive sounds.	N
PersonHealth	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
PersonHealth	VisionScreening	YES	bit	An examination used to measure an individual's ability to see.	N
PersonIdentifier	Identifier	NO	varchar(20)	Any identification number that is unique to the individual.	N
PersonIdentifier	PersonId	YES	int	The Person identified by the Identifier	N
PersonIdentifier	PersonIdentifierId	NO	int	Surrogate Key	N
PersonIdentifier	RefIdentifierPersonId	YES	int	Surrogate Key	Y
PersonIndicator	Indicator	NO	varchar(50)	Value of the tracked indicator	N
PersonIndicator	PersonId	YES	int	Identifies the Person that relates to the Indicator	N
PersonIndicator	PersonIndicatorId	NO	int	Surrogate key	N
PersonIndicator	RefPersonIndicatorId	NO	int	The metric/indicator/value that is being tracked	Y
PersonLanguage	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
PersonLanguage	PersonLanguageId	NO	int	Surrogate Key	N
PersonLanguage	RefLanguageId	NO	int	Surrogate Key	Y
PersonLanguage	RefLanguageRoleId	NO	int	Surrogate Key	Y
PersonLocation	LocationId	YES	int	The Person associated with an Organization	N
PersonLocation	PersonId	YES	int	The Person associated with a Location	N
PersonLocation	PersonLocationId	NO	int	Surrogate Key	N
PersonName	FirstName	YES	varchar(60)	A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change.	N
PersonName	GenerationCode	YES	varchar(8)	An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III).	N
PersonName	LastName	YES	varchar(60)	The name borne in common by members of a family.	N
PersonName	MiddleName	YES	varchar(60)	A secondary name given to an individual at birth, baptism, or during another naming ceremony.	N
PersonName	OtherName	YES	varchar(60)	A maiden name, nick name, or other alias	N

Table	Field	Nullable	Datatype	Description	List
PersonName	PersonId	NO	int	Identifies the Person associated with a name record	N
PersonName	RefPersonNameId	NO	int	Surrogate Key	Y
PersonRelationship	PersonId	YES	int	Inherited Surrogate Key of Super-type	N
PersonRelationship	PersonRelationshipId	NO	int	Surrogate Key	N
PersonRelationship	RefRelationshipId	YES	int	Identifies the type of relationship that exists between two Persons	Y
PersonTitle	PersonId	YES	int	The Person associated with the Title	N
PersonTitle	PersonTitleId	NO	int	Surrogate Key	N
PersonTitle	RefTitleId	NO	int	The title that is associated with a Person	Y
ProgramCte	Completer	YES	bit	An indication of a student who reached a state-defined threshold of vocational career and technical education and who attained a night school diploma or its recognized state equivalent or GED.	N
ProgramCte	Concentrator	YES	bit	A student who enrolled in a threshold level of vocational education. The threshold level is defined by the state and includes a sequence of courses that provides individuals with the academic and technical knowledge and skills the individuals use to prepa	N
ProgramCte	DisplacedHomemaker	YES	bit	A student who was enrolled, or eligible for enrollment, but has enrolled in another place because of a crisis.	N
ProgramCte	DisplacedHomemaker	YES	bit	An individual who ; (A) (i) has worked primarily without remuneration to care for a home and family, and for that reason has diminished marketable skills; (ii) has been dependent on the income of another family member but is no longer supported by that in	N
ProgramCte	GraduationRateInclusion	NO	bit	An indication of the CTE concentrators inclusion in the state's computation of its graduation rate.	N
ProgramCte	NonTraditional	NO	bit	An indication of whether CTE participants were members of an underrepresented gender group.	N

Table	Field	Nullable	Datatype	Description	List
ProgramCte	NonTraditional	NO	bit	An indication that the student who is enrolled in a non-traditional program is a members of the underrepresented gender group.	N
ProgramCte	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
ProgramCte	SingleParentOrPregnant	YES	bit	A student who, at some time during the school year, is either a pregnant female student who is unmarried; or a male or female student who is unmarried or legally separated from a spouse and has a minor child or children.	N
ProgramGed	GoalHighSchoolDiplomaOrGed	NO	bit	The adult participant has a realistic goal of earning a high school diploma or GED within the program year.	N
ProgramGed	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
ProgramHomeless	Homelessness	NO	bit	Children and youth who lack a fixed, regular, and adequate nighttime residence. Homeless children and youth include: 1) children and youth who are sharing the housing of other persons due to loss of housing, economic hardship, or a similar reason; are liv	N
ProgramHomeless	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
ProgramHomeless	ServedMcKinneyVento	YES	bit	An indication of whether homeless children and youth were served by a McKinney-Vento program in the state.	N
ProgramHomeless	UnaccompaniedYouth	YES	bit	An indication that homeless youths were unaccompanied by parents or legal guardians.	N
ProgramImmigrant	Immigrant	NO	bit	An indication that the child is an immigrant according to the Title III of ESEA definition, meaning children who are aged 3 through 21; were not born in any state; and have not been attending one or more schools in any one or more States for more than 3 f	N
ProgramImmigrant	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N

Table	Field	Nullable	Datatype	Description	List
ProgramImmigrant	Title3ImmigrantParticipation	YES	bit	An indication that an immigrant student participated in programs for immigrant children and youth funded under ESEA Title III Section 3114(d)(1) using funds reserved for immigrant education programs/activities.	N
ProgramImmigrant	UsSchoolFirstEntryDate	YES	datetime	The year, month and day of an individual's initial enrollment into a United States school.	N
ProgramLep	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
ProgramLep	ProgressLanguage	YES	bit	An indication of the progress made by a student toward English proficiency.	N
ProgramMigrant	BirthdateVerification	YES	varchar(30)	The evidence by which a child's date of birth is confirmed.	N
ProgramMigrant	GraduationSchoolNces	YES	varchar(20)	The NCES school identification number that identifies the school or facility from which a student expects to graduate.	N
ProgramMigrant	ImmunizationRecord	YES	bit	Indicates whether the school or MEP program has immunization records on file for the student.	N
ProgramMigrant	Migrant	YES	bit	Individuals who are, or whose parents or spouses are, migratory agricultural workers, including migratory dairy workers, or migratory fishers, and who, in the preceding 36 months, in order to obtain, or accompany such parents or spouses, in order to obtain	N
ProgramMigrant	MigrantService	YES	varchar(50)	An indication of whether the school has a schoolwide program, as defined by Title I of ESEA as amended, in which federal Migrant Education Program (MEP) funds are consolidated as authorized under 34 CFR Section 200.29.	N
ProgramMigrant	MigrantService	YES	varchar(50)	The type of services received by participating migrant students in the migrant education program (MEP).	N
ProgramMigrant	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
ProgramMigrant	RefMigrantMobilityId	YES	int	Surrogate Key	Y
ProgramMigrant	ServedByMigrantProgram	YES	bit	An indicator of whether the student is served by a Migrant Education Program (MEP).	N

Table	Field	Nullable	Datatype	Description	List
ProgramMigrant	ServicePriority	YES	bit	An indication that a migratory child 1) is failing to meet, or most at risk of failing to meet, the state's challenging academic content standards and student academic achievement standards; and 2) has experienced interruptions in their education during t	N
ProgramNeglected	AcademicAchievementIndicator	NO	bit	Student was served by Title I, Part D, Subpart 1 of ESEA as amended for at least 90 consecutive days during the reporting period who took both a pre-and post-test.	N
ProgramNeglected	AcademicOutcomeIndicator	NO	bit	Student served by Title I, Part D, Subpart 2 of ESEA as amended for at least 90 consecutive days during the reporting period who took both a pre-and post-test.	N
ProgramNeglected	ObtainedEmployment	YES	bit	An indication that a Neglected or Delinquent student obtained employment.	N
ProgramNeglected	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
ProgramNeglected	RefNeglectedProgramId	YES	int	Surrogate Key	Y
ProgramSpEd	AwaitingInitialEvaluation	YES	bit	Awaiting initial evaluation for special education programs and related services under the Individuals with Disabilities Education Act (IDEA).	N
ProgramSpEd	EducationEnvironment	YES	varchar(50)	The setting in which children ages 6 through 21, receive special education and related services.	N
ProgramSpEd	EducationEnvironmentEc	YES	varchar(50)	The program in which children ages 3 through 5 attend and in which these children receive special education and related services.	N
ProgramSpEd	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
ProgramSpEd	SpEdServiceEndDate	YES	char(18)	The year, month and day a child with disabilities (IDEA) ages 14 through 21 exited special education.	N
ProgramSpEdDisability	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
ProgramSpEdDisability	ProgramSpEdDisabilityId	NO	int	Surrogate Key	N
ProgramSpEdDisability	Rank	NO	int		N
ProgramSpEdDisability	RefDisabilityId	NO	int	Surrogate Key	Y
ProgramSpEdDisability	RefDisabilityStatusId	NO	int	Surrogate Key	Y

Table	Field	Nullable	Datatype	Description	List
ProgramTitle1	ChoiceApplied	YES	bit	An indication the student applied to transfer for the current school year under the public school choice provisions but did not or were unable to transfer or applied and transferred in the current school year under the public school choice provisions or p	N
ProgramTitle1	ChoiceEligible	YES	bit	An indication the student is eligible to transfer for the current school year under the public school choice provisions or who applied and transferred in the current school year under the public school choice provisions or previously applied and transferr	N
ProgramTitle1	ChoiceTransfer	YES	bit	An indication of whether an eligible student transferred to the school under the provisions for public school choice in accordance with Title I, Part A, Section 1116 of ESEA as amended.	N
ProgramTitle1	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
ProgramTitle1	SupplementalApplied	YES	bit	An indication of whether a eligible student applied/requested to receive supplemental educational services under Title I, Part A, Section 1116 of ESEA as amended during the school year.	N
ProgramTitle1	SupplementalReceived	NO	bit	An indication of whether a student is eligible to received supplemental educational services during the school year in accordance with Title I, Part A, Section 1116 of ESEA as amended.	N
PsAcademicAward	AcademicAwardDate	YES	datetime	The month and year on which the diploma/credential is awarded to a student in recognition of his/her completion of the curricular requirements.	N
PsAcademicAward	AcademicAwardDate	YES	datetime	The month, day and year on which the credential is awarded to a student in recognition of his or her completion of the curricular requirements	N
PsAcademicAward	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
PsAcademicAward	RefAcademicAwardLevelId	YES	int	The name of the other award level that does not fit into any other award level, if applicable.	Y

Table	Field	Nullable	Datatype	Description	List
PsAcademicAward	RefAcademicAwardLevelId	YES	int	The name of the other award level that the program offers that does not fit into any other award level, if applicable.	Y
PsAcademicAward	RefAcademicAwardLevelId	YES	int	Whether or not the institution offers a credit program that offers an award which does not fit into any other award level.	Y
PsAcademicAward	RefAcademicAwardLevelId	YES	int	Whether or not the program is a credit program that may result in postsecondary certificate/diploma requiring less than one academic year, or less than 900 clock hours, or less than 30 semester or trimester credit hours, or less than 45 quarter credit hou	Y
PsAcademicAward	RefAcademicAwardTitleId	YES	int	Whether or not the program is a credit program that may result in an award.	Y
PsAcademicRecord	CreditAp	YES	int	The number of credits awarded a student by the postsecondary institution based on successful completion of advanced placement courses and/or advanced placement tests. (New)	N
PsAcademicRecord	CreditDual	YES	int	The number of credits awarded a student by the postsecondary institution based on successful completion of dual credit/dual enrollment courses. (New)	N
PsAcademicRecord	GradePointAverageCumulative	YES	numeric(18, 0)	A measure of average performance in all courses taken by an individual during his or her school career as determined for record-keeping purposes. This is obtained by dividing the total grade points received by the total number of credits attempted. This u	N
PsAcademicRecord	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
PsAcademicRecordExternal	OrganizationPersonRoleId	YES	int	Inherited Surrogate Key of Super-type	N
PsAcademicRecordExternal	PsAcademicRecordExternalId	NO	int	Surrogate Key	N
PsCourse	Abbreviation	YES	varchar(10)	The alphabetic abbreviation of the academic department or discipline offering the course. It is one part of the total course identifier number.	N

Table	Field	Nullable	Datatype	Description	List
PsCourse	CourseNumber	YES	char(18)	The official reference number portion of a course identifier. This number normally designates the level of the course as well as the level of the student expected to enroll in the course.	N
PsCourse	CreditUnits	YES	decimal(3, 2)	The type of credit (unit, semester, or quarter) associated with the credit hours earned for the course.	N
PsCourse	CreditValue	YES	decimal(3, 2)	Number indicating the credit hours that may be earned in the course.	N
PsCourse	DegreeApplicability	YES	bit	An indication that the course is a part of a degree program.	N
PsCourse	Graded	YES	bit	The level of work which is reflected in the credits associated with the academic course being described or the level of the typical student taking the academic course.	N
PsCourse	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
PsCourse	Override_OrganizationId	NO	int	The school where the credit was earned if different from the institution reporting.	N
PsCourse	RefPsCourseLevelId	YES	int	Surrogate Key	Y
PsCourse	Remedial	YES	bit	The level of work which is reflected in the credits associated with the academic course being described or the level of the typical student taking the academic course.	N
PsCourse	Title	NO	varchar(30)	Complete course title	N
PsCourseGrade	AcademicGrade	YES	char(18)	The final grade awarded for participation in the course.	N
PsCourseGrade	CreditsReceived	YES	char(18)	The number of credits a student earned for completing a given course.	N
PsCourseGrade	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
PsCourseGrade	QualityPointsEarned	YES	char(18)	The numerical value assigned to a letter grade to provide a basis of quantitative determination of an average.	N
PsEnrollment	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
PsEnrollment	RefEnrollmentId	YES	int	Surrogate Key	Y

Table	Field	Nullable	Datatype	Description	List
PsEnrollment	TransferReady	NO	bit	An individual who has successfully completed a transfer-preparatory program as defined by the state or by the institution if no official state definition exists.	N
PsFinancialAid	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
PsFinancialAid	RefFinancialAidStatusId	YES	int	Surrogate Key	Y
PsFinancialAidAmount	Amount	NO	decimal(12, 2)	The amount of financial aid awarded to a individual for the term/year.	N
PsFinancialAidAmount	OrganizationPersonRoleId	YES	int	Inherited Surrogate Key of Super-type	N
PsFinancialAidAmount	PsFinancialAidAmountId	NO	int	Surrogate Key	N
PsFinancialAidAmount	RefFinancialAidId	YES	int	Surrogate Key	Y
PsInstitution	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
PsInstitution	RefClassificationId	YES	int	Surrogate Key	Y
PsInstitution	RefControllId	YES	int	Surrogate Key	Y
PsInstitution	RefInstitutionLevelId	YES	int	Surrogate Key	Y
PsProgram	AverageMonthsCompletion	YES	int	The amount of time necessary for an individual to complete all requirements for a degree or certificate according to the institution's catalog. This is typically 4 years (8 semesters or trimesters, or 12 quarters, excluding summer terms) for a bachelor's	N
PsProgram	OrganizationId	NO	int	Inherited Surrogate Key of Super-type	N
PsProgram	ProgramLength	YES	int	The normal length in credit/contact hours of an individual's program as published in the institution's catalogue, website, or other official documents.	N
PsProgram	ProgramLength	YES	int	The unit of measurement for length of time for completion.	N
PsProgram	RefAcademicAwardTitleId	YES	int	Surrogate Key	Y
PsProgram	RefProgramLengthId	NO	int	Surrogate Key	Y
PsStudent	Dependent	NO	bit	An individual's classification as dependent or independent with regards to eligibility for Title IV Federal Student aid.	N
PsStudent	FirstTimeCollege	YES	bit	Indicates whether this is a student's initial college enrollment	N

Table	Field	Nullable	Datatype	Description	List
PsStudent	LimitedEnglishProficiency	YES	bit	Does the student have limited English proficiency?	N
PsStudent	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
PsStudent	RefLivingArrangementId	YES	int	The type of living arrangement of the student	Y
PsStudentApplication	ApplicationDate	YES	datetime	The year, month and, day on which an individual entered and began to receive instructional services at a postsecondary institution for the first time after leaving high school.	N
PsStudentApplication	DegreeSeeking	NO	bit	Individual is enrolled in courses for credit and recognized by the institution as seeking a degree, certificate, or other formal award. High school students also enrolled in postsecondary courses for credit are not considered degree/certificate-seeking.	N
PsStudentApplication	Fulltime	YES	bit	Whether or not the student enrolled in the institution full-time.	N
PsStudentApplication	Fulltime	YES	bit	Whether or not the student enrolled in the institution part-time.	N
PsStudentApplication	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
PsStudentApplication	RefEnrollmentId	YES	int	Surrogate Key	Y
PsStudentProgram	Major	NO	bit	An indication of what the CIP code is referencing	N
PsStudentProgram	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
PsStudentProgram	RefCipCodeId	NO	int	Surrogate Key	Y
PsStudentTranscript	GradePointAverage	NO	decimal(7, 3)	Student's grade point average	N
PsStudentTranscript	GradePointAverageWeighted	YES	bit	Student's weighted grade point average	N
PsStudentTranscript	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
RefAcademicAwardLevel	AcademicAwardLevel	NO	varchar(50)		N
RefAcademicAwardLevel	RefAcademicAwardLevelId	NO	int	Surrogate key	Y
RefAcademicAwardLevel	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefAcademicAwardTitle	AcademicAwardTitle	NO	varchar(50)		N
RefAcademicAwardTitle	RefAcademicAwardTitleId	NO	int	Surrogate key	Y
RefAcademicAwardTitle	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefAcademicSubject	AcademicSubject	NO	varchar(50)		N

Table	Field	Nullable	Datatype	Description	List
RefAcademicSubject	RefAcademicSubjectId	NO	int	Surrogate Key	Y
RefAcademicSubject	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefActivity	Activity	YES	varchar(20)		N
RefActivity	RefActivityId	NO	int	Surrogate Key	Y
RefActivity	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefAlternativeFocus	AlternativeFocus	NO	varchar(100)	An indication of the specific group of students whose needs are designed to be met by the alternative school.	N
RefAlternativeFocus	RefAlternativeFocusId	NO	int	Surrogate Key	Y
RefAlternativeFocus	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefAmaoStatus	AmaoStatus	NO	varchar(130)	An indication whether the State, District, or School met the Annual Measurable Achievement Objectives (AMAO) for English, for limited English proficient (LEP) students under Title III of ESEA.	N
RefAmaoStatus	RefAmaoStatusId	NO	int	Surrogate Key	Y
RefAmaoStatus	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefAssessmentAccommodation	AssessmentAccommodation	NO	varchar(50)		N
RefAssessmentAccommodation	RefAssessmentAccommodationId	NO	int	Surrogate Key	Y
RefAssessmentAccommodation	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefAssignmentSpecialization	AssignmentSpecialization	NO	varchar(50)		N
RefAssignmentSpecialization	RefAssignmentSpecializationId	NO	int	Surrogate Key	Y
RefAssistance	Assistance	NO	int		N
RefAssistance	RefAssistanceId	NO	int	Surrogate Key	Y
RefAssistance	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefAttendance	Attendance	NO	varchar(20)	Types of attendance values; Attended, Absent, Truant, Tardy	N
RefAttendance	RefAttendanceId	NO	int	Surrogate Key	Y
RefAttendance	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y

Table	Field	Nullable	Datatype	Description	List
RefAttendanceDaily	AttendanceDaily	NO	varchar(25)		N
RefAttendanceDaily	RefAttendanceDailyId	NO	int	Surrogate Key	Y
RefAttendanceDaily	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefAypImprovement	AypImprovement	NO	varchar(50)	An indication of the improvement stage of the district or school.	N
RefAypImprovement	RefAypImprovementId	NO	int	Surrogate key	Y
RefAypImprovement	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefAypMeasure	AypMeasure	NO	int		N
RefAypMeasure	RefAypMeasureId	NO	int	Surrogate Key	Y
RefAypMeasure	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefAypStatus	AypStatus	NO	varchar(50)		N
RefAypStatus	RefAypStatusId	NO	int	Surrogate key	Y
RefAypStatus	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefCalendar	Calendar	NO	varchar(30)	Describes an Organizations Day that is being represented	N
RefCalendar	RefCalendarId	NO	int	Surrogate Key	Y
RefCalendar	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefCalendarStatus	CalendarStatus	NO	varchar(30)		N
RefCalendarStatus	RefCalendarStatusId	NO	int	Surrogate Key	Y
RefCalendarStatus	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefCareReason	CareReason	YES	varchar(50)		N
RefCareReason	RefCareReasonId	NO	int	Surrogate key	Y
RefCareReason	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefCharacteristic	Characteristic	NO	varchar(50)		N
RefCharacteristic	RefCharacteristicId	NO	int	Surrogate Key	Y
RefCharacteristic	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y

Table	Field	Nullable	Datatype	Description	List
RefCipCode	CipCode	NO	char(6)		N
RefCipCode	CipVersion	NO	varchar(10)	The version of CIP being reported	N
RefCipCode	RefCipCodeId	NO	int	Surrogate key	Y
RefCipCode	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefCipCode	Title	NO	varchar(100)		N
RefClassification	Classification	NO	varchar(30)	The Basic Classification is an update of the traditional classification framework developed by the Carnegie Commission on Higher Education in 1970 to support its research program, and later published in 1973 for use by other researchers. (IPEDS)	N
RefClassification	RefClassificationId	NO	int	Surrogate Key	Y
RefClassification	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefCognitiveDifficulty	CognitiveDifficulty	NO	int		N
RefCognitiveDifficulty	RefCognitiveDifficultyId	NO	int	Surrogate Key	Y
RefCognitiveDifficulty	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefControl	Control	NO	varchar(30)	A classification of whether an institution is operated by publicly elected or appointed officials (public control) or by privately elected or appointed officials and derives its major source of funds from private sources (private control).	N
RefControl	RefControlId	NO	int	Surrogate Key	Y
RefControl	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefCounty	County	NO	varchar(30)	County name	N
RefCounty	RefCountyId	NO	int	Surrogate Key	Y
RefCourse	CoreAcademicCourse	YES	bit	Does the course meet the state definition of a core academic course?	N

Table	Field	Nullable	Datatype	Description	List
RefCourse	CourseCredits	YES	int	Measured in Carnegie units, the amount of credit available to a student who successfully meets the objectives of the course. A course meeting every day for one period of the school day over the span of a school year offers one Carnegie unit.	N
RefCourse	CourseDescription	NO	varchar(100)	Textual description of the course.	N
RefCourse	CourseTitle	NO	varchar(50)	The descriptive name given to a course of study offered in a school or other institution or organization. In departmentalized classes at the elementary, secondary, and postsecondary levels (and for staff development activities).	N
RefCourse	Department	YES	varchar(30)	Department with jurisdiction over this course.	N
RefCourse	GraduationRequirement	YES	bit	Does the state require that the course be completed for graduation?	N
RefCourse	LocalCourseCode	YES	varchar(20)	School-defined local code for a course	N
RefCourse	RefCourseId	NO	int	Surrogate Key	Y
RefCourse	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefCourse	ScedCourseCode	YES	varchar(20)	Course code from the School Codes for the Exchange of Data that describes the course content.	N
RefCourse	StateCourseCode	YES	varchar(20)	The actual state code that identifies the organization of subject matter and related learning experiences provided for the instruction of students.	N
RefCourse	SubjectAreaList	YES	varchar(50)	Subject matter areas.	N
RefCourse	UniqueCourseCode	NO	varchar(20)	Unique course code.	N
RefCredential	Credential	NO	varchar(75)	The type of diploma/credential that is awarded to a student in recognition of his/her completion of the curricular requirements.	N
RefCredential	RefCredentialId	NO	int	Surrogate Key	Y
RefCredential	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefCredentialTitle3	CredentialTitle3	NO	varchar(75)	An indication of the category of credential an LEP instructor holds.	N

Table	Field	Nullable	Datatype	Description	List
RefCredentialTitle3	RefCredentialTitle3Id	NO	int	Surrogate Key	Y
RefCredentialTitle3	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefCredit	Credit	YES	char(18)	The type of credits or units of value awarded for the completion of a course.	N
RefCredit	RefCreditId	NO	int	Surrogate key	Y
RefCredit	RefJurisdictionId	YES	char(18)	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefCreditAdditional	CreditAdditional	NO	varchar(25)		N
RefCreditAdditional	RefCreditAdditionalId	NO	int	Surrogate Key	Y
RefDegree	Degree	NO	varchar(50)		N
RefDegree	RefDegreeId	NO	int	Surrogate Key	Y
RefDegree	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefDisability	Disability	NO	varchar(50)	Physical or mental impairments which substantially limit one or more major life activities	N
RefDisability	DisabilityAbbrev	YES	varchar(20)		N
RefDisability	RefDisabilityId	NO	int	Surrogate Key	Y
RefDisability	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefDisabilityStatus	DisabilityStatus	NO	varchar(30)	The qualified individual is a person with mental retardation, hearing impairments (including deafness), speech or language impairments, visual impairments (including blindness), deaf-blindness, serious emotional disturbance (hereinafter referred to as "em	N
RefDisabilityStatus	RefDisabilityStatusId	NO	int	Surrogate Key	Y
RefDisabilityStatus	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefDiscipline	Discipline	YES	char(18)	The method used to discipline students who are not children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents.	N
RefDiscipline	RefDisciplineId	NO	int	Surrogate key	Y

Table	Field	Nullable	Datatype	Description	List
RefDiscipline	RefJurisdictionId	YES	char(18)	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefDisciplineReason	DisciplineReason	YES	varchar(20)	The reason why the student was disciplined.	N
RefDisciplineReason	RefDisciplineReasonId	NO	int	Surrogate key	Y
RefDisciplineReason	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefDisplineMethod	DisciplineMethod	YES	char(18)		N
RefDisplineMethod	RefDisplineMethodId	NO	int	Surrogate key	Y
RefDomainOrganization	DomainOrganization	NO	varchar(25)		N
RefDomainOrganization	RefDomainOrganizationId	NO	int	Surrogate Key	Y
RefDomainOrganization	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefEducationAgency	EducationAgency	NO	varchar(150)	The classification of the education agency within the geographic boundaries of a state according to the level of administrative and operational control granted by the state.	N
RefEducationAgency	RefEducationAgencyId	NO	int	Surrogate Key	Y
RefEducationAgency	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefEducationLevel	EducationLevel	NO	varchar(50)	The extent of formal instruction an individual has received (e.g., the highest grade in school completed or its equivalent or the highest degree received).	N
RefEducationLevel	RefEducationLevelId	NO	int	Surrogate Key	Y
RefEducationLevel	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefElementaryMiddleAdditional	ElementaryMiddleAdditional	YES	varchar(50)	An indication of whether the school or district met the Elementary/Middle Additional Indicator requirement in accordance with state definition.	N
RefElementaryMiddleAdditional	RefElementaryMiddleAdditionalId	NO	int	Surrogate Key	Y
RefElementaryMiddleAdditional	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefEnrollment	Enrollment	NO	varchar(50)		N
RefEnrollment	RefEnrollmentId	NO	int	Surrogate key	Y

Table	Field	Nullable	Datatype	Description	List
RefEnrollment	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefFinance	Finance	NO	varchar(50)	Description of finance transaction being represented	N
RefFinance	RefFinanceId	NO	int	Surrogate key	Y
RefFinance	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefFinancialAid	FinancialAidId	YES	int	Surrogate Key	N
RefFinancialAid	RefFinancialAidId	NO	int	Surrogate key	Y
RefFinancialAid	RefJurisdictionId	YES	char(18)	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefFinancialAidStatus	FinancialAidStatus	NO	int		N
RefFinancialAidStatus	RefFinancialAidStatusId	NO	int	Surrogate Key	Y
RefFinancialAidStatus	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefGrade	Grade	NO	varchar(30)	Fullname of the Grade	N
RefGrade	GradeLevel	NO	varchar(20)	Indicates the grade level or primary instructional level at which services are provided or received.	N
RefGrade	GradeNumber	NO	varchar(2)	Number or shortname of the Grade	N
RefGrade	RefGradeId	NO	int	Surrogate Key	Y
RefGrade	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefGunFreeSchoolsActStatus	GunFreeSafeSchoolsStatus	NO	varchar(100)		N
RefGunFreeSchoolsActStatus	Offenses	NO	bit		N
RefGunFreeSchoolsActStatus	RefGunFreeSchoolsActStatusId	NO	int	Surrogate Key	Y
RefGunFreeSchoolsActStatus	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefHonors	Honors	NO	varchar(20)	A designation of the type of academic distinctions earned by or awarded to the student.	N
RefHonors	HonorsDescription	NO	varchar(200)	A description of the academic distinction awarded to a student.	N
RefHonors	RefHonorsId	NO	int	Surrogate Key	Y
RefHonors	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y

Table	Field	Nullable	Datatype	Description	List
RefIdentifierOrganization	IdentifierOrganization	NO	int	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a local education agency.	N
RefIdentifierOrganization	IdentifierOrganization	NO	int	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an individual, organization, program, or institution.	N
RefIdentifierOrganization	IdentifierOrganization	NO	int	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an institution.	N
RefIdentifierOrganization	RefIdentifierOrganizationId	NO	int	Surrogate Key	Y
RefIdentifierOrganization	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefIdentifierPerson	IdentifierPerson	NO	varchar(30)		N
RefIdentifierPerson	RefIdentifierPersonId	NO	int	Surrogate Key	Y
RefIdentifierPerson	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefImmunization	Immunization	NO	varchar(50)		N
RefImmunization	RefImmunizationId	NO	int	Surrogate Key	Y
RefImmunization	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefImprovementOutcome	ImprovementOutcome	NO	varchar(50)	Positive outcomes of the use of the Effective School Improvement Strategies	N
RefImprovementOutcome	RefImprovementOutcomeId	NO	int	Surrogate Key	Y
RefImprovementOutcome	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefIncidentBehavior	IncidentBehavior	NO	int		N
RefIncidentBehavior	RefIncidentBehaviorId	NO	int	Surrogate Key	Y
RefIncidentBehavior	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefIncidentBehaviorSecondary	IncidentBehavior	NO	int		N
RefIncidentBehaviorSecondary	RefIncidentBehaviorSecondaryId	NO	int	Surrogate Key	Y

Table	Field	Nullable	Datatype	Description	List
RefIncidentBehaviorSecondary	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefIncidentInjury	IncidentInjury	NO	varchar(50)		N
RefIncidentInjury	RefIncidentInjuryId	NO	int	Surrogate Key	Y
RefIncidentInjury	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefIncidentLocation	IncidentLocation	NO	varchar(50)		N
RefIncidentLocation	RefIncidentLocationId	NO	int	Surrogate Key	Y
RefIncidentLocation	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefIncidentRole	IncidentRole	YES	varchar(20)	Date the incident occurred	N
RefIncidentRole	RefIncidentRoleId	NO	int	Surrogate key	Y
RefIncidentRole	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefIncidentTime	IncidentTime	NO	varchar(50)		N
RefIncidentTime	RefIncidentTimeId	NO	int	Surrogate Key	Y
RefIncidentTime	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefIncome	Income	NO	int		N
RefIncome	RefIncomeId	NO	int	Surrogate Key	Y
RefIncome	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefInstitutionLevel	Level	NO	varchar(30)	A classification of whether an institution's programs are 4-year or higher (4 year), 2-but-less-than 4-year (2 year), or less than 2-year.	N
RefInstitutionLevel	RefInstitutionLevelId	NO	int	Surrogate Key	Y
RefInstitutionLevel	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefInstructionalLevel	InstructionalLevel	YES	varchar(50)		N
RefInstructionalLevel	RefInstructionalLevelId	NO	int	Surrogate Key	Y
RefInstructionalLevel	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefInternetAccess	InternetAccess	NO	int		N
RefInternetAccess	RefInternetAccessId	NO	int	Surrogate Key	Y

Table	Field	Nullable	Datatype	Description	List
RefInternetAccess	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefItemRubric	ItemRubric	NO	varchar(50)		N
RefItemRubric	RefItemRubricId	NO	int	Surrogate Key	Y
RefItemRubric	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefK12Program	K12Program	NO	varchar(50)		N
RefK12Program	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefK12Program	RefK12ProgramId	NO	int	Surrogate Key	Y
RefLanguage	Language	NO	varchar(50)	Spoken language or dialects	N
RefLanguage	LanguageCode	NO	varchar(5)		N
RefLanguage	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefLanguage	RefLanguageId	NO	int	Surrogate Key	Y
RefLanguageInstruction	LanguageInstruction	NO	int		N
RefLanguageInstruction	RefLanguageInstructionId	NO	int	Surrogate Key	Y
RefLanguageRole	LanguageRole	NO	varchar(25)		N
RefLanguageRole	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefLanguageRole	RefLanguageRoleId	NO	int	Surrogate Key	Y
RefLivingArrangement	LivingArrangement	NO	varchar(20)	Student living arrangements	N
RefLivingArrangement	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefLivingArrangement	RefLivingArrangementId	NO	int	Surrogate key	Y
RefLocation	Location	NO	varchar(50)	Indicates the type of Location; Address, Email address, Phone number, etc.	N
RefLocation	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefLocation	RefLocationId	NO	int	Surrogate Key	Y
RefMagnetStatus	MagnetStatus	NO	varchar(100)	An indication of whether the school is a magnet school or has a magnet program within the school.	N

Table	Field	Nullable	Datatype	Description	List
RefMagnetStatus	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefMagnetStatus	RefMagnetStatusId	NO	int	Surrogate Key	Y
RefMepEnrollment	MepEnrollment	YES	char(18)	The type of school/migrant education project in which instruction and/or support services are provided.	N
RefMepEnrollment	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefMepEnrollment	RefMepEnrollmentId	NO	int	Surrogate key	Y
RefMigrantMobility	MigrantMobility	NO	varchar(150)	An indication of the last qualifying move of a migrant student.	N
RefMigrantMobility	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefMigrantMobility	RefMigrantMobilityId	NO	int	Surrogate Key	Y
RefNeglectedProgram	NeglectedProgram	NO	varchar(30)	The type of program under Title I, Part D.	N
RefNeglectedProgram	ProgramCode	YES	varchar(10)	Code identifying the Neglected and Delinquent program	N
RefNeglectedProgram	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefNeglectedProgram	RefNeglectedProgramId	NO	int	Surrogate Key	Y
RefObjective	Objective	NO	varchar(50)		N
RefObjective	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefObjective	RefObjectiveId	NO	int	Surrogate Key	Y
RefOperationalStatus	OperationalStatus	NO	varchar(20)	The classification of the operational condition of a school.	N
RefOperationalStatus	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefOperationalStatus	RefOperationalStatusId	NO	int	Surrogate Key	Y
RefOrganization	Organization	NO	varchar(50)	Types of Organizations	N
RefOrganization	RefDomainOrganizationId	NO	int	Surrogate Key	Y
RefOrganization	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefOrganization	RefOrganizationId	NO	int	Surrogate Key	Y

Table	Field	Nullable	Datatype	Description	List
RefOrganizationIndicator	OrganizationIndicator	NO	varchar(50)	Various types of metrics/indicators/values that are tracked at the Organization level	N
RefOrganizationIndicator	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefOrganizationIndicator	RefOrganizationIndicatorId	NO	int	Surrogate key	Y
RefParentInvolvement	ParentInvolvement	YES	char(18)	Five most common types of efforts your State uses to inform parents of, and include parents in, drug and violence prevention efforts	N
RefParentInvolvement	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefParentInvolvement	RefParentInvolvementId	NO	int	Surrogate key	Y
RefPersonIndicator	PersonIndicator	NO	varchar(50)	Various types of metrics/indicators/values that are tracked at the Person level	N
RefPersonIndicator	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefPersonIndicator	RefPersonIndicatorId	NO	int	Surrogate key	Y
RefPersonName	PersonName	NO	int		N
RefPersonName	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefPersonName	RefPersonNameId	NO	int	Surrogate Key	Y
RefPrekindergartenDay	PrekindergartenDay	YES	char(18)	The length of daily prekindergarten classes	N
RefPrekindergartenDay	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefPrekindergartenDay	RefPrekindergartenDayId	NO	int	Surrogate key	Y
RefPrekindergartenEligibility	PrekindergartenEligibility	YES	char(18)	Which students are eligible for prekindergarten	N
RefPrekindergartenEligibility	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefPrekindergartenEligibility	RefPrekindergartenEligibilityId	NO	int	Surrogate key	Y
RefProgramLength	ProgramLength	YES	char(18)		N
RefProgramLength	RefJurisdictionId	YES	char(18)	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefProgramLength	RefProgramLengthId	NO	int	Surrogate Key	Y
RefProofResidency	ProofResidency	NO	varchar(25)		N

Table	Field	Nullable	Datatype	Description	List
RefProofResidency	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefProofResidency	RefProofResidencyId	NO	int	Surrogate Key	Y
RefPsCourseLevel	PsCourseLevel	NO	varchar(50)		N
RefPsCourseLevel	RefJurisdictionId	YES	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefPsCourseLevel	RefPsCourseLevelId	NO	int	Surrogate key	Y
RefRace	Race	NO	varchar(20)	Descriptive label for social and cultural characteristics including, but not exclusive to, ancestry	N
RefRace	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefRace	RefRaceId	NO	int	Surrogate Key	Y
RefRelationship	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefRelationship	RefRelationshipId	NO	int	Surrogate Key	Y
RefRelationship	Relationship	NO	varchar(50)	Describes person-to-person relationships	N
RefRestructuringAction	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefRestructuringAction	RefRestructuringActionId	NO	int	Surrogate Key	Y
RefRestructuringAction	RestructuringAction	NO	varchar(100)	The types of restructuring actions under ESEA as amended	N
RefRole	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefRole	RefRoleId	NO	int	Surrogate Key	Y
RefRole	Role	NO	varchar(50)		N
RefRoleReporter	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefRoleReporter	RefRoleReporterId	NO	int	Surrogate Key	Y
RefRoleReporter	RoleReporter	NO	varchar(50)		N
RefRoleStatus	RefRoleStatusId	NO	int	Surrogate Key	Y
RefRoleStatus	RoleStatus	NO	varchar(50)		N
RefSchoolImprovementFundsStatus	RefSchoolImprovementFundsStatusId	NO	int	Surrogate Key	Y

Table	Field	Nullable	Datatype	Description	List
RefSchoolImprovementFundsStatus	SchoolImprovementFundsStatus	NO	varchar(18)		N
RefSchoolImprovementFundsStatus	StatusDescription	NO	varchar(50)		N
RefSchoolLevel	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefSchoolLevel	RefSchoolLevelId	NO	int	Surrogate Key	Y
RefSchoolLevel	SchoolLevel	NO	varchar(25)		N
RefSectionRole	RefSectionRoleId	NO	int	Surrogate key	Y
RefSectionRole	SectionRole	YES	char(18)		N
RefSex	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefSex	RefSexId	NO	int	Surrogate Key	Y
RefSex	Sex	NO	varchar(6)	The concept describing the biological traits that distinguish the males and females of a species.	N
RefSpecialEvent	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefSpecialEvent	RefSpecialEventId	NO	int	Surrogate Key	Y
RefSpecialEvent	SpecialEvent	YES	varchar(20)		N
RefStaffCategory	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefStaffCategory	RefStaffCategoryId	NO	int	Surrogate Key	Y
RefStaffCategory	StaffCategory	NO	varchar(100)	An individual's title of employment, official status or rank.	N
RefStaffTitle	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefStaffTitle	RefStaffTitleId	NO	int	Surrogate Key	Y
RefStaffTitle	StaffTitle	NO	varchar(50)		N
RefTeachingCredential	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefTeachingCredential	RefTeachingCredentialId	NO	int	Surrogate Key	Y
RefTeachingCredential	TeachingCredential	NO	varchar(200)	An indication of the category of teaching credential an individual holds.	N
RefTeachingField	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y

Table	Field	Nullable	Datatype	Description	List
RefTeachingField	RefTeachingFieldId	NO	int	Surrogate Key	Y
RefTeachingField	TeachingField	NO	varchar(50)	An indication of a teaching field within which an individual is authorized to teach by an active teaching credential. In a departmentalized organization, a teaching field is a major subdivision of the educational program such as language arts, mathematics	N
RefTimeUnit	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefTimeUnit	RefTimeUnitId	NO	int	Surrogate Key	Y
RefTimeUnit	TimeUnit	NO	varchar(10)		N
RefTitle1Status	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefTitle1Status	RefTitle1StatusId	NO	int	Surrogate Key	Y
RefTitle1Status	Title1Status	NO	varchar(75)	An indication that a school is designated under State and Federal regulations as being eligible for participation in programs authorized by Title I and whether it has a Title I program.	N
RefVisa	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefVisa	RefVisalId	NO	int	Surrogate Key	Y
RefVisa	Visa	NO	int		N
RefWeapon	RefJurisdictionId	NO	int	Indicates whether a reference value is part of the Global Standard, or is state specific	Y
RefWeapon	RefWeaponId	NO	int	Surrogate key	Y
RefWeapon	Weapon	YES	char(18)	The type of suspension or expulsion used for the discipline of children with disabilities.	N
RegistrationAccommodation	AssessmentRegistrationId	NO	int	Surrogate Key	N
RegistrationAccommodation	RefAssessmentAccommodationId	NO	int	Accommodation provided to a person for an assessment	Y
RegistrationAccommodation	RegistrationAccommodationId	NO	int	Surrogate Key	N
RoleAttendance	Days	NO	int	The number of days an individual is absent when school is in session during a given reporting period.	N

Table	Field	Nullable	Datatype	Description	List
RoleAttendance	Days	NO	int	The number of days an individual is present when school is in session during a given reporting period.	N
RoleAttendance	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
RoleAttendance	RefAttendanceId	YES	int	Identifies the type of attendance	Y
RoleAttendance	RoleAttendanceId	NO	int	Surrogate Key	N
RoleAttendanceDaily	AttendanceDay	NO	date		N
RoleAttendanceDaily	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
RoleAttendanceDaily	RefAttendanceDailyId	NO	int	Surrogate Key	Y
RoleAttendanceDaily	RoleAttendanceDailyId	NO	int	Surrogate Key	N
RoleAttendanceDaily	RoleAttendanceId	NO	int	Surrogate Key	N
RoleAttendanceRate	AttendanceRate	NO	int		N
RoleAttendanceRate	RoleAttendanceId	NO	int	Surrogate Key	N
RoleStatus	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N
RoleStatus	RefRoleStatusId	YES	int	Surrogate Key	Y
RoleStatus	RoleStatusId	NO	int	Surrogate Key	N
RoleStatus	StatusEndDate	YES	datetime		N
RoleStatus	StatusStartDate	NO	datetime		N
SectionItem	AssessmentItemId	NO	int	Assessment item that is part of a section	N
SectionItem	FormSectionId	NO	int	Surrogate Key	N
SectionItem	SectionItemId	NO	int	Surrogate Key	N
SectionItem	SequenceNumber	NO	int		N
StaffAssignment	AgeGroupTaught	YES	varchar(30)	The age range of special education students taught.	N
StaffAssignment	ContractDays	NO	int	The number of days per year that an individual is expected to work as outlined specifically in his or her employment agreement.	N
StaffAssignment	FullTimeEquivalency	YES	char(18)	The ratio between the hours of work expected in a position and the hours of work normally expected in a full-time position in the same setting.	N
StaffAssignment	ItinerantTeacher	NO	bit	An indication of whether a teacher provides instruction in more than one instructional site.	N
StaffAssignment	Migrant_RefStaffCategoryId	YES	int	Surrogate Key	N
StaffAssignment	OrganizationPersonRoleId	NO	int	Inherited Surrogate Key of Super-type	N

Table	Field	Nullable	Datatype	Description	List
StaffAssignment	PrimaryAssignment	NO	bit	An indication of whether the assignment is this the staff member's primary assignment.	N
StaffAssignment	RefAssignmentSpecializationId	YES	int	Surrogate Key	Y
StaffAssignment	RefStaffCategoryId	YES	int	Surrogate Key	Y
StaffAssignment	RefStaffTitleId	NO	int	Surrogate Key	Y
StaffAssignment	RefTeachingFieldId	YES	int	Surrogate Key	Y
StaffAssignment	TeacherOfRecord	YES	char(18)	Indicates if the Staff Member has been assigned the lead responsibility for student learning in a Class Section.	N
StaffAssignment	Title1_RefStaffCategoryId	YES	int	Surrogate Key	N
StaffCredential	CredentialExpirationDate	YES	datetime	The year, month and day on which an active credential held by an individual will expire.	N
StaffCredential	CredentialIssuanceDate	YES	datetime	Degree or Certificate Conferring Date	N
StaffCredential	CredentialIssuanceDate	YES	datetime	The year, month and day on which an active credential was issued to an individual.	N
StaffCredential	ParaprofessionalQualification	YES	bit	An indication of whether paraprofessionals are classified as qualified for their assignment according to state definition.	N
StaffCredential	PersonId	NO	int	Inherited Surrogate Key of Super-type	N
StaffCredential	RefCredentialTitle3Id	NO	int	Surrogate Key	Y
StaffCredential	RefEducationLevelId	YES	int	Surrogate Key	Y
StaffCredential	RefTeachingCredentialId	YES	int	Surrogate Key	Y
StaffCredential	RefTeachingFieldId	YES	int	Surrogate Key	Y
StaffCredential	StaffCredentialId	NO	int	Surrogate Key	N
StaffCredential	TechnologySkillsAssessed	YES	bit	An indication that the individual has achieved acceptable performance on a standards-based profile of technology user skills as defined by the state.	N
SubTestItem	AssessmentItemId	NO	int	Surrogate Key	N
SubTestItem	FormSubTestId	YES	int	Surrogate Key	N
SubTestItem	SubTestId	NO	int	Surrogate Key	N
SubTestLearningStandardItem	FormSubTestId	NO	int	Surrogate Key	N
SubTestLearningStandardItem	LearningStandardItemId	YES	int	Foreign Key / LearningStandardItem	N
SubTestLearningStandardItem	SubTestLearningStandardItemId	NO	int	Surrogate Key	N
SubTestScore	AssessmentRegistrationId	NO	int	Surrogate Key	N

Table	Field	Nullable	Datatype	Description	List
SubTestScore	DiagnosticStatement	YES	char(18)	This provides the next steps for instruction for the student based upon the assessment results and student characteristics.	N
SubTestScore	FormSubTestId	NO	int	Surrogate Key	N
SubTestScore	IncludedAypCalculation	YES	bit	An indicator of whether a proficiency score on the state assessment was included in the state's calculation of adequate yearly progress (AYP).	N
SubTestScore	ScoreResults	YES	char(18)		N
SubTestScore	ScoreValue	YES	nchar(10)	A meaningful raw score or statistical expression of the performance of an individual. The results can be expressed as a number, percentile, range, level, etc.	N
SubTestScore	ScoreValue	YES	nchar(10)	The quantitative score on a standardized admission test reported to a postsecondary institution.	N
SubTestScore	ScoreValue	YES	nchar(10)	The score that will be reported for the subtest.	N
SubTestScore	SubTestScoreId	NO	int	Surrogate Key	N