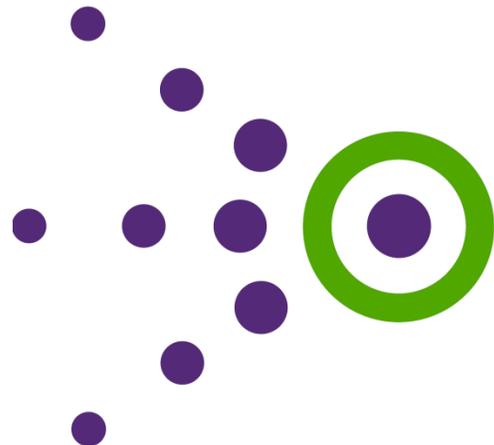


Common Education Data Standards (CEDS) Version 3 Data Model Guide

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INTRODUCTION

CEDS Version 3 includes a broad scope of elements spanning much of the P-20W spectrum and provides greater context for understanding the standards' interrelationships and practical utility. Specifically, Version 3 of CEDS focuses on elements and modeling in the Early Learning, K12, Career and Technical Education (CTE), Postsecondary, Adult Education, and Workforce sectors as well as data domains for Assessments, Learning Standards, and Learning Resources. CEDS includes domains, entities, elements, options sets, and related uses.

Version 3 of CEDS can be found at the CEDS website: (<http://ceds.ed.gov>).

The version 3 release added the Career and Technical Education (CTE), Adult Education, and Workforce sectors expanded the scope of data elements defined to support additional use scenarios for all sectors. Key areas of expansion touched on data to support teaching and learning at the classroom and individual levels, including formative assessment feedback loops, learning resources, learning goals, activities, and achievements. Another key area of expansion built on the existing assessment elements to complete the model needed to support Race to the Top Assessments and the Assessment Interoperability Framework (AIF). New Early Learning elements support program evaluation and staff qualifications, among other improvements.

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 Uses (defined as Connections in the online CEDS CONNECT tool)
- 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

This document is a printable representation of the CEDS (v3) Data Model as published on the CEDS website. The CEDS Data Model includes a hierarchical schema of non-technical domains and entities with each CEDS element in context, and a fully normalized logical model. In addition to the normalized reference model, this document includes examples showing CEDS elements in the context of other types of data models, such as a star schema typically used in dimensional data warehouse design.

The Domain Entity Schema (DES)

The DES provides a user-friendly structure easily identify elements organized by domain and entity. Later releases of CEDS will expand the domains and add additional elements and content within the current domains. The domains for CEDS version 3 include:

- Early Learning (abbreviated as EL)
- Elementary and Secondary Education (abbreviated as K12)
- Postsecondary Education (abbreviated as PS)
- Adult Education (abbreviated as AE)
- Career and Technical Education (abbreviated as CTE)
- Workforce (abbreviated as WF)
- Assessments
- Learning Standards
- Learning Resources

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 70 entities in the DES.

In version 3, the DES structure was updated from a fixed number of levels Domain-Entity-Category to a more flexible hierarchy that accommodates entities and sub-entities. The CEDS web site presents the DES structure as a hierarchy of folders making it easy to browse to an entity and expand to show its elements.

The Normalized Data Schema (NDS)

CEDS supports standardizing educational organizations and their relationships with other organizations, people, and time. The Normalized Data Schema is a reference model for operational implementations aligned to the CEDS standards. The P-20W focus of CEDS is supporting a transition from siloed, domain-specific, or location-specific, data sets to data that is compatible across domains and geographic boundaries. In addition to existing state and federal reporting and for analysis and comparison of aggregate statistics, the standards support data that moves with a learner from an early learning program to K12 to postsecondary and workforce learning programs. 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.

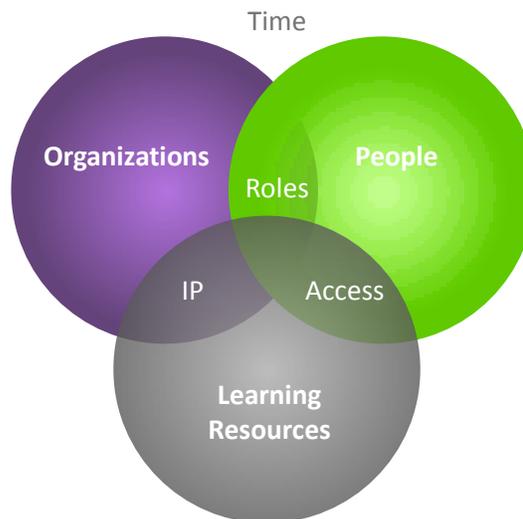
The NDS is a 3rd normal form structure organized around the key concepts of organization, person, and role. The NDS was developed with the goal of supporting physical implementations that could function as an “operational data store” for integrated P-20W data providing the most current available view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

The NDS starts with a flexible directory of organizations that may have multiple parent-child relationships with each other. People exist independently, but they do not 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.

At the intersection of organizations, persons, and learning resources are key learning processes. CEDS version 3 includes learning resources and process data elements definitions, such as learning standards, learning goals, learner assignments, learner activity, and learner achievements. Also defined in CEDS version 3 are the data elements and relationships covering formative, summative, and benchmark assessment processes.

CEDS NDS Conceptual Model



KEY TERMS

American Association of Community Colleges (AACC)

The AACC is the national association for community and junior colleges; it has over 1000 member institutions.

American Recovery and Reinvestment Act of 2009 (ARRA)

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.

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 Family

A set of assessments with a common name, jurisdiction, or focus (e.g. SAT, GRE, NAEP).

Assessment Form

An instance of an assessment that can equate scores with another instance of that same assessment.

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 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, and 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.

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.

Assessment Registration

Information related to a specific person associated with a specific assessment form used over one or more assessment administrations.

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 Sub Test 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.

Assessments (CEDS Domain)

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.

Association for Institutional Research (AIR)

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.

Association of Public and Land-Grant Universities (APLU)

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.

Attribute

An element that is associated with a particular entity. Attribute is used interchangeably by some to mean Element.

Attribute Category

A group of related attributes associated with one or more entities.

Cardinality

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.

Civil Rights Data Collection (CRDC)

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.

Code (CEDS naming conventions)

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.)

Code Set

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.

Common Education Data Standards (CEDS)

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).

Complete College America (CCA)

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.

Conceptual Data Model

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.

Council of Chief State School Officers (CCSSO)

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.

Data Code

A set of numbers or letters used to represent a data element or item in an option set.

Data Dictionary

An unduplicated list of items, fields, facts, measures, and values with standard definitions and metadata constitute the core elements of the enterprise Data Dictionary.

Data Element (Element)

An atomic unit of data that has precise meaning or precise semantics that can be defined and measured.

Data Model

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.)

Data Quality Campaign (DQC)

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.

Data Schema

A diagram, outline, or data model used to illustrate the pattern or structure of information.

Data Standard

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.

Denormalization

A method of designing a data structure to allow redundancy so that a data table can remain flat to optimize performance.

Description (CEDS naming conventions)

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.)

Domain

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, and Learning Standards.

Early Childhood Data Collaborative (ECDC)

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.

Early Learning Child (EL Child)

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.

Early Learning Family (EL Family)

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).

Early Learning Organization (EL Organization)

An institution that provides early learning services; this can be a grantee with delegates at various locations, possibly in one or more buildings, and has assigned administrator(s).

Early Learning Staff (EL Staff)

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.

EDFacts (EDFacts)

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.

Ed-Fi (EdFi)

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.

Education Data Exchange Network (EDEN)

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)

Element Description

A written representation of a data element, a unit of data that can be defined and measured.

Element Type

A description of the form or qualities (i.e., the “type”) that the data element contains. Data element “types” include: 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 option set exists, or where descriptive information is desired. Date (DT): A data element type that is specifically defined as a date. Generally, the format is specified for the standard, e.g. MMDDYY

Entity

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

Entity Terms (CEDS naming conventions)

Entity terms are the part of CEDS element names that provide the context for an element. For example, in the data element names: Accountability Report Title, Dental Insurance Coverage Type, and Advance Placement Credits Awarded the terms Accountability Report, Dental Insurance Coverage, and Advance Placement are entity terms.

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.

Identifier (CEDS naming conventions)

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.

Indicator

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.

Indicator (CEDS naming conventions)

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.

Integrated Postsecondary Education Data System (IPEDS)

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.

Intermediate Educational Unit (IEU)

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.

Interoperability

Data Interoperability is a set of rules, definitions, and transport processes which enable different software systems to share information and work together.

K12 District (District)

(see LEA - Local Education Agency)

K12 Incident (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

A person having parental or legal guardianship responsibility for a K12 Student.

K12 School (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; and has an assigned administrator(s).

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 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. 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 withhold

K12 State

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.

K12 Student

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.

Learning Standards (CEDS Domain)

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 competency-based pathways or a taxonomy.

Learning Standards Document (Competency 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 (e.g. Head Start Child Outcomes Framework, Common Core State Standards for Mathematics, Accountability Criteria for National Health Care Cluster Foundation Standards).

Learning Standards Item (Competency Statement)

Content that either describes a specific competency (learning objective) or describes a grouping of competencies within the taxonomy of a Learning Standards Document.

Local Education Agency (LEA)

An administrative unit within K12 education at the local level that 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.

Logical Data Model

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.

Michael and Susan Dell Foundation (Dell Foundation)

Since 1999, the Michael and Susan Dell Foundation has given over \$460 million to education, which accounts to 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 lifelong success.

Name (CEDS naming conventions)

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.

National Association of Independent Colleges and Universities (NAICU)

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.

National Center for Education Statistics (NCES)

The National Center for Education Statistics (NCES) is the primary federal entity for collecting and analyzing data related to education.

National Education Data Model (NEDM)

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.

National Forum on Education Statistics (Forum)

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.

National Governors Association (NGA)

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.

NCES Handbooks

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, obj

Normalization

A method of designing a data structure so that duplicate and redundant data is avoided.

Option

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

Option Set

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.

Person (CEDS naming conventions)

"Person" is used as a property term in the name of CEDS elements and in element definitions, rather than "individual."

Physical Data Model

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.

Postsecondary Assessment (PS Assessment)

A screening, evaluation, or other test relevant to the postsecondary sector.

Postsecondary Campus (PS Campus)

A site of an institution of higher education that offers courses in educational programs leading to a degree, certificate, or other recognized educational credential.

Postsecondary Defined Program (PS Defined Program)

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.

Postsecondary Electronic Standards Council (PESC)

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.

Postsecondary Institution (PS Institution)

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.

Postsecondary School (PS School)

An educational entity within a postsecondary institution that focuses on one academic sector (e.g., school of art, school of business).

Postsecondary Section (PS Section)

A postsecondary instructional course in a particular field of study that typically involves a prescribed number of instruction periods or meetings for enrolled students.

Postsecondary Staff (PS Staff)

A person employed by a postsecondary institution.

Postsecondary Student (PS Student)

An individual who is a prospect, applicant, admitted student, enrolled student, or alum of a postsecondary institution.

Postsecondary Teacher Preparation Program (PS Teacher Program)

A postsecondary program (combination of courses and related activities) organized for the preparation and education of early childhood and K12 teachers.

Property Term (CEDS naming conventions)

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 "Person Middle Name," "Accountability Report Title," "Dental Insurance Coverage Type," "Advance Placement Credits Awarded," the terms "Name," "Title," and "Credits Awarded" are property terms. In this list, three of the element names have Entity – Property structure, and one (Dental Insurance Coverage Type) h

PS Program

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.

Qualifier (CEDS naming conventions)

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.

Another use of a qualifier term is to indicate a scope of a metric, such as in the data element name: "Cost Budget Period Total Amount" the term "Budget Period" is a qualifier term. 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.)

Race to the Top Fund (RTTT)

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: Adopting standards and assessments that prepare students to succeed in college and the workplace and to compete in the global economy; Building data systems that measure student growth and success, and inform teachers and principals about how they can improve instruction; Recruiting, developing, rewarding, and

retaining effective teachers and principals, especially where they are needed most; and Turning around our lowest-achieving schools.

Representation Terms (CEDS naming conventions)

Representation terms are the part of the CEDS element name that describes the form of representation for a data element. For example:

“Indicator”

“Status”

“Identifier”

“Description”

“Type”

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.)

School

(see K12 School or PS School)

School Interoperability Framework (SIF)

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.

School Interoperability Framework Association (SIFA)

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.

State (State)

A state government including its State Education Agency (SEA) and any other state education agencies or governing boards.

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.

State Fiscal Stabilization Fund (SFSF)

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; dev

State Higher Education Executive Officers (SHEEO)

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.

Statewide Longitudinal Data System (SLDS)

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.

Statewide Longitudinal Data Systems Grant Program (SLDS)

The SLDS Grant 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)

Status (CEDS naming conventions)

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.

Student (Student)

(see Early Learning Child, K12 Student, and Postsecondary Student)

Title (CEDS naming conventions)

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.

Transformation Rules

Rules associated with making source data compliant with the data integrity of a target system.

Type (CEDS naming conventions)

The property term "Type" is used in a naming CEDS element that uses an option set used to classify or categorize.

U. S. Department of Labor (DOL)

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.

U.S. Department of Education (USED / ED)

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.

U.S. Department of Health and Human Services (HHS)

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.

Workforce Employee

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.

Workforce Employer

A covered establishment, Federal agency, or individual who employs members of the workforce.

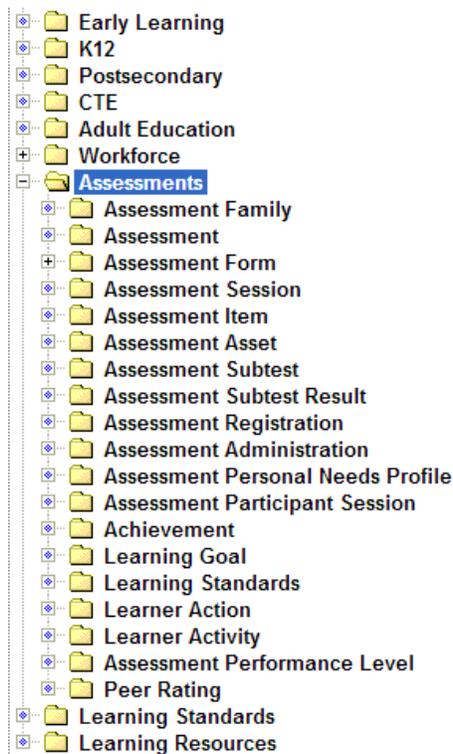
Workforce Program

A program that provides services and training related to workforce development or provides unemployment insurance benefits for workforce employees.

CEDS DOMAIN ENTITY SCHEMA

Domain Entity Schema (DES) Structure

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



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” “denormalized” 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		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)
Adult Education	AE	The CEDS domain that includes information about programs that help adults get the basic skills they need to be productive workers, family members, and citizens -- and information about the adults served by these programs.
Career and Technical Education	CTE	The CEDS domain that includes information about Career and Technical Education programs as defined by Perkins IV, and information about the students served by these programs.
Workforce	WF	The CEDS domain that includes data about persons participation in a workforce and employment development program and employment and earnings data matched between education and workforce data sources.
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.
Learning Resources		The CEDS Domain that includes information about materials that support teaching and learning.

Entities

Entities are persons, places, events, objects, or concepts about which data can be collected. An entity provides context for a data element. The following tables display CEDS entities grouped by domain:

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.

Entity	Description
EL Child	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.
Parent/Guardian	A person having parental or legal guardianship responsibility for a learner.
EL Family	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.
EL Organization	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).
EL Staff	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.
EL Class/Group	A cohort of children receiving services together, or in some cases individually, usually for a predetermined amount of time, with at least one assigned primary teacher.
Assessments	The 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.
Learning Goal	An entity that specifies the learning that is intended for an individual learner and the success criteria use to indicate progress toward the learning goal. In the formative assessment process a learning goal exists within the framework of a Learning Progression / Competency-based Pathway defined within the context of Learning Standards.
Learning Resource	The CEDS entity that includes information about materials that support teaching and learning.
Authentication	An application or service that can authenticate the identity of a person. The CEDS entity that includes information about an authentication provider, the login identifier used to authenticate a person's identity, and other information related to authentication of a person's identity.
Authorization	The CEDS entity that includes information about a data system or application which an authenticated person may access.

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.

Entity	Description
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).
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.
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 Student	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.
Parent/Guardian	A person having parental or legal guardianship responsibility for a learner.
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 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 Class/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.
Assessments	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.)
Program	A program is a set (plan) of activities and procedures designed to accomplish a predetermined objective or set of objectives.
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.
Calendar	A set of dates associated with an organization.
Learning Resource	The CEDS entity that includes information about materials that support teaching and learning.
Learning Goal	An entity that specifies the learning that is intended for an individual learner and the success criteria use to indicate progress toward the learning goal. In the formative assessment process a learning goal exists within the framework of a Learning Progression / Competency-based Pathway defined within the context of Learning Standards.
Achievement	An entity that includes information about achievement earned by a learner upon fulfilling a specified criteria, which may be defined by a related a Competency Set.
Facility	An installation in which school administration at the district or system level is housed; includes all buildings, structures, and other stationary items that are located on a single site or on contiguous or adjacent sites and that are used for district or system administrative purposes.
Authentication	An application or service that can authenticate the identity of a person. The CEDS entity that includes information about an authentication provider, the login identifier used to authenticate a person's identity, and other information related to authentication of a person's identity.
Authorization	The CEDS entity that includes information about a data system or application which an authenticated person may access.

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).

Entity	Description
PS Institution	An organization that provides educational programs for individuals who have completed or otherwise left educational programs in secondary school(s).
PS Student	An individual who is a prospect, applicant, admitted student, enrolled student or alum of a postsecondary institution.
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 Staff	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 postsecondary level.
PS Applicant	An individual who is a applicant of a postsecondary institution.
Assessment	The 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.
Learning Resource	The CEDS entity that includes information about materials that support teaching and learning.
Learning Goal	An entity that specifies the learning that is intended for an individual learner and the success criteria use to indicate progress toward the learning goal. In the formative assessment process a learning goal exists within the framework of a Learning Progression / Competency-based Pathway defined within the context of Learning Standards.
Authentication	An application or service that can authenticate the identity of a person. The CEDS entity that includes information about an authentication provider, the login identifier used to authenticate a person's identity, and other information related to authentication of a person's identity.
Authorization	The CEDS entity that includes information about a data system or application which an authenticated person may access.

Career and Technical Education (CTE)

The CEDS domain that includes information about Career and Technical Education programs as defined by Perkins IV, and information about the students served by these programs.

Entity	Description
CTE Student	A person for whom instruction, services and/or care are provided in a Career and Technical Education program and has met the state-defined threshold of Career and Technical Education participation as defined in the State's approved Perkins IV State Plan.
Program	A program is a set (plan) of activities and procedures designed to accomplish a predetermined objective or set of objectives.
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).
Class/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.
Authentication	An application or service that can authenticate the identity of a person. The CEDS entity that includes information about an authentication provider, the login identifier used to authenticate a person's identity, and other information related to authentication of a person's identity.
Authorization	The CEDS entity that includes information about a data system or application which an authenticated person may access.

Adult Education (AE)

The CEDS domain that includes information about programs that help adults get the basic skills they need to be productive workers, family members, and citizens -- and information about the adults served by these programs.

Entity	Description
AE Student	A person for whom instruction and/or services are provided in an Adult Education program.
AE Staff	A person who is employed by an Adult Education program.
AE Provider	The CEDS entity with information about programs that help adults get the basic skills they need to be productive workers, family members, and citizens.
Authentication	An application or service that can authenticate the identity of a person. The CEDS entity that includes information about an authentication provider, the login identifier used to authenticate a person's identity, and other information related to authentication of a person's identity.
Authorization	The CEDS entity that includes information about a data system or application which an authenticated person may access.

Workforce

The CEDS domain that includes data about persons participation in a workforce and employment development program and employment and earnings data matched between education and workforce data sources.

Entity	Description
Workforce Program Participant	A person for whom instruction and/or services are provided in a workforce and/or an employment development program.
Quarterly Employment Record	The CEDS entity that includes person-level employment and earnings information from quarterly employment and earnings-related data from sources such as State UI Wage Records, the Wage Record Interchange System, or the Federal Employment Data Exchange System (FEDES).
Authentication	An application or service that can authenticate the identity of a person. The CEDS entity that includes information about an authentication provider, the login identifier used to

	authenticate a person's identity, and other information related to authentication of a person's identity.
Authorization	The CEDS entity that includes information about a data system or application which an authenticated person may access.

Assessments

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.

Entity	Description
Assessment Family	A set of assessments with a common name, jurisdiction, or focus (e.g. SAT, GRE, NAEP).
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.)
Assessment Form	An instance of an assessment that can equate scores with another instance of that same assessment.
Assessment Session	An entity with information related to an instance of delivering an assessment during a specific period of time.
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 Asset	An entity that represents content used to compose an assessment item, is referenced by an item but not part of the item content itself, or is content that is included as part of a section within an assessment form. Assets can be static content such as art work or dynamic assets such as calculators or other tools.
Assessment Subtest	An entity that defines information for scoring an Assessment Form based on a set of Assessment Item responses with explicit rules to produce an Assessment Subtest Result, which may be for the entire Assessment Form or one aspect of evaluation based on a subset of Assessment Items.
Assessment Subtest Result	An entity that includes information about a person's results from an assessment which may be for the entire assessment or one aspect of evaluation. The scoring method is defined by the related Assessment Subtest. The entity includes the score value and information about the score, such as a diagnostic statement.
Assessment Registration	An entity with information related to a specific person registered for an Assessment Administration, assigned a specific Assessment Form for participation in one or more Assessment Sessions.
Assessment Administration	Information related to an assessment event or administration period. It includes information related to the time period of administration, and place(s) of administration
Assessment Personal Needs Profile	An entity that includes information about the personal needs and preferences for assessment participants, based on the IMS Global (R) Accessible Portable Item Protocol.
Assessment	An entity that includes information about a specific person's participation in an

Participant Session	Assessment Session.
Achievement	An entity that includes information about an achievement earned by a learner upon fulfilling a specified criteria, which may be defined by a related a Competency Set.
Learning Goal	An entity that specifies the learning that is intended for an individual learner and the success criteria use to indicate progress toward the learning goal. In the formative assessment process a learning goal exists within the framework of a Learning Progression / Competency-based Pathway defined within the context of Learning Standards.
Learning Standards	Content that either describes a specific competency (learning objective) or describes a grouping of competencies within the taxonomy of a Learning Standards Document.
Learner Action	An entity with information about detailed actions taken by a learner while engaging in learning activities, such as asking for a hint when taking an online formative assessment.
Learner Activity	The work assigned to a learner and/or performed by a learner which can comprise of interaction with learning resources, and assessments.
Assessment Performance Level	The CEDS entity that includes information about the performance levels that may be assigned to an Assessment Subtest Result and specifications for selecting the performance level based on a score. Four styles are supported: 1) Specification of performance level by lower and upper cut score 2) Specification of performance level by lower cut score only 3) Specification of performance level without any mapping to scores 4) Specification of performance level by mapping to other scores
Assessment Item Response	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 Form Subtest Assessment Item	An entity that includes information about an Assessment Item associated with a and Assessment Form Subtest including weights to apply to items for scoring.
Assessment Item Body	An entity that contains information for rendering an Assessment Item as one or more interactions with the person being assessed.
Learning Standard Item Association	An entity that relates learning standard items to other learning standard items to support competency maps using competency to prerequisite-competency assertions, and to relate learning standard Items to other objects such as learning resources.

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.

Entity	Description
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	Content that either describes a specific competency (learning objective) or describes a grouping

Standards Item	of competencies within the taxonomy of a Learning Standards Document.
Competency Set	The CEDS entity that supports the definition of a set of competencies that represent completion or partial completion of a unit, course, program, degree, certification, or other achievement/award, including information that specifies whether completion requires achievement of all items in the set or some number of items.

Learning Resources

The CEDS Domain that includes information about materials that support teaching and learning.

Entity	Description
Learning Resource	An entity that describes content, materials, or informational resources that support learning.
Peer Rating	The CEDS entity that includes information about a persons rating of a Learning Resource.
Peer Rating System	The CEDS entity that includes information about a system by which a person can rate a Learning Resource.

CEDS NORMALIZED DATA SCHEMA (NDS)

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 includes 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

The NDS Logical Model provides a logical database model, normalized to Third Normal Form¹, such as might be used for integration of P-20 data systems through a well-normalized “operational data store”. This CEDS logical model includes longitudinal aspects, such as for tracking enrollment status over time; however, it 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, the NDS 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 across the P-20W spectrum, 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.

¹ 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:

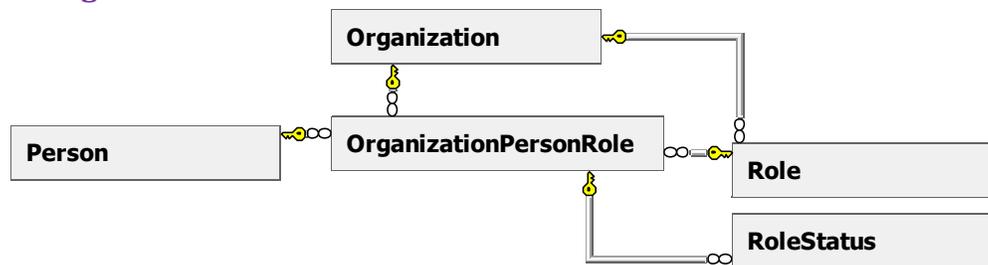
- Time – The relevance of data is constrained by time
- Person – An individual
- Organization – Any organizing *entity* that is not a person; e.g. school, district, program, institution, class section, jurisdiction, etc.
- Role – A date sensitive affiliation between a Person and an Organization
- Learning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



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

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; and
- 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 birthplace, 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 elements Organization Name (000204), Name of Institution (000191), Program Name (000626), Responsible Organization Name (000631) all normalize to Organization:Name in the NDS.

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. 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 used for 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 potential users of this model allows 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

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.

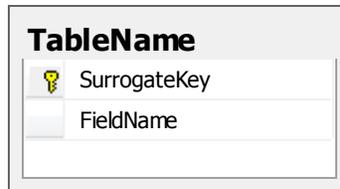
Understanding the NDS Entity Relationship Diagrams

NDS Table and Field Syntax

Tables

Tables are represented as a rectangle. The surrogate key is indicated by a key symbol.

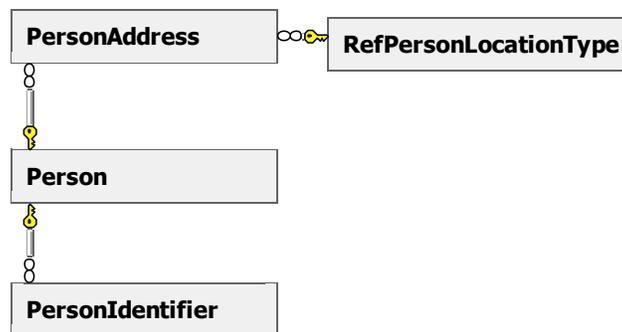




The function of the surrogate key is to uniquely identify one record from all other records within the same table. The CEDS model has utilized a design standard of ‘surrogate keys.’ Surrogate keys do not replace primary keys, but they simplify using them.

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 may have an Address and an Identifier. The ∞ symbol tells us that there may be more than one addresses and identifiers for a Person. We also know by the “Ref” table that the PersonLocationType field in the PersonAddress table uses a CEDS controlled vocabulary. “Ref” tables represent the option set defined for CEDS elements.

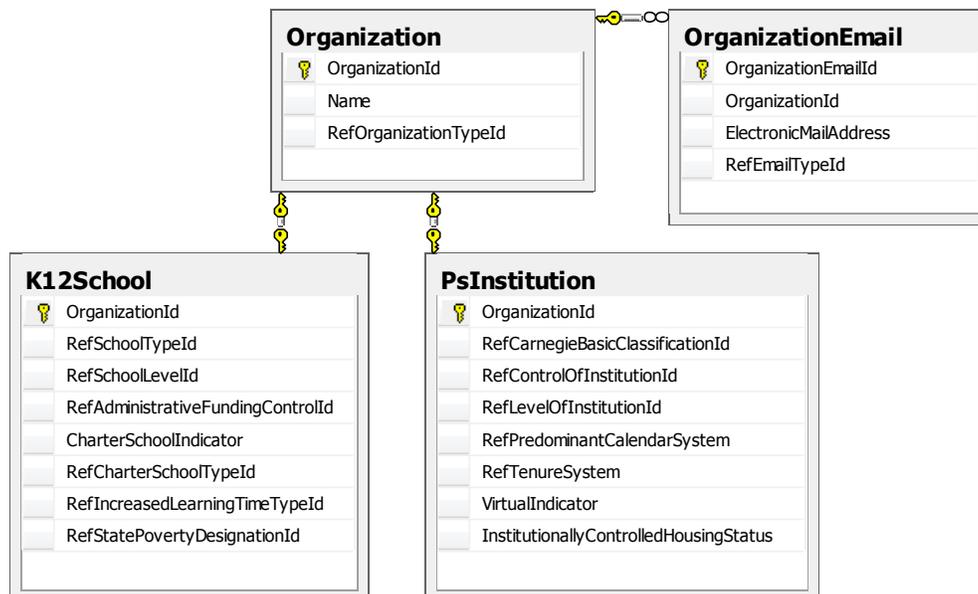
The NDS model leaves it up to the implementation to define additional business rules. For example, a system may apply a business rule to limit the number of PersonIdentifiers that may be associated with a Person, or to ensure that a PersonIdentifier for a given Person Identification System must be unique. A best practice for multi-tiered applications is to enforce such rules at all tiers of the application.

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

The symbols on the ends of the lines indicate the cardinality of the relationship. Key to infinity symbols  represents a one-to-many relationship, and a key to key  represents a one-to-one relationship, such as a sub-type relationship. For example, K12 School is a subtype of Organization, their relationship on a diagram has a key on both ends.

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 multiple tables to be referenced by one common object. For example,

a K12 School and a postsecondary institution are two kinds of organizations. Common attributes include a name and zero or more email addresses, but they each have some domain-specific attributes as well. Notice in the diagram below that both K12School and PsInstitution use the surrogate key (OrganizationId) of the parent table (Organization).



CEDS Use within P20W Enterprise and Web-Scaled Architectures

A typical SEA-LEA architecture is made up of source systems, an operational data store, and a data warehouse for analytics and reporting. Data that moves from an authoritative source transactional system to other integrated systems and operational data store(s) most often must be transformed for compatibility with the receiving system. The CEDS NDS reference model is normalized to represent an example structure for a P20W operational data store. This section also provides an example of CEDS data elements, as they may exist in a de-normalized P20W state longitudinal database.

CEDS standardizes data element definitions and option sets so to make the data more compatible and to serve as a common vocabulary. CEDS does not define the standards for the movement of data, but organizations that do set standards for data movement have embraced CEDS as a common vocabulary.

The common vocabulary of CEDS recognizes that different data models are used to support different uses. It was beyond the scope of CEDS version 3 to develop a data warehouse model, however, the following example data warehouse star schemas demonstrate application of the CEDS standards into a data warehouse domain of the P20W enterprise architecture.

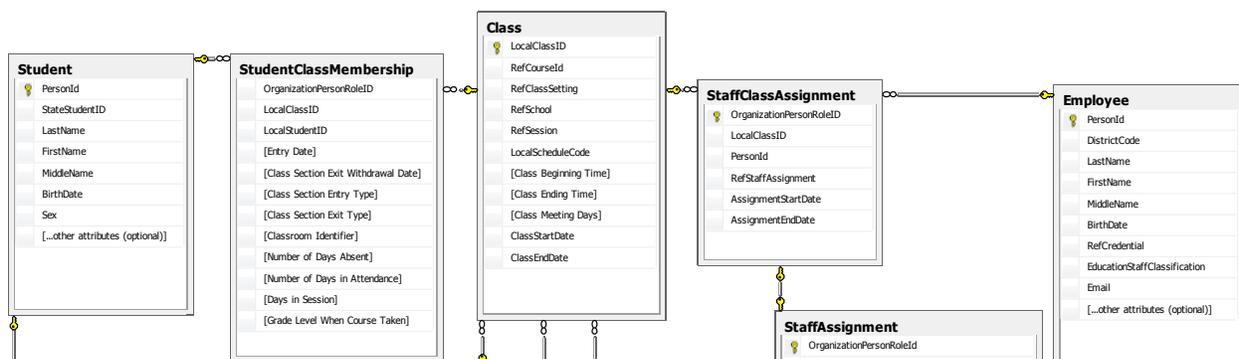
Case Study: The Teacher Student Data Link – Data to Analyze Student Growth and Teacher Preparation

For this example, we look at data that links students to teachers and data that links teachers to their educator preparation programs. A number of factors make this example a good fit. First, it reaches across domains (K12, PS, and Assessments) and involves data from multiple source systems. It involves some interesting transformations of data between the schemas of source systems, i.e. the CEDS NDS as a reference P20W *normalized* operational data model and an example *denormalized* star schema. It also involves the high profile data domains of enrollment and assessment results.

The example uses student growth rather than achievement recognizing that there are multiple methods for measuring student growth. In this example, we will recognize that there is a step of calculating growth from assessment data, but not get into the details of any specific method. The target data model is designed to receive those metrics using one or more methods.

It is also worth noting that student growth based on assessment data is just one of multiple measures when using the teacher-student data link to answer questions about educator prep program effectiveness. Other measures of teacher effectiveness, such as classroom observations and student surveys, and other measures of program effectiveness are needed.

We start with an example source system that links teachers to students as class-section enrollment records. The following illustration shows how the teachers and students might be linked through a Class Section in a student information system.



(Note: This is a fictitious view of data as it might be structured in a student information system. It is not part of the CEDS DES or NDS models.)

A “Student Class Membership” record captures a student’s enrollment in a Class with details such as State Date and End Date. Similarly, a “Staff Class Assignment” record captures a teacher’s association with the class including Start and End dates, the teacher’s Role, and a Teacher Of Record Indicator.

[Note: This example does not cover all of the necessary issues to be addressed when implementing the use of teacher student data links. Key success factors such as teacher-of-record policies, data governance policies, source system readiness, roster verification, and scheduling processes must be considered. For more information, the National Forum for Education Statistics plans to publish *Teacher*

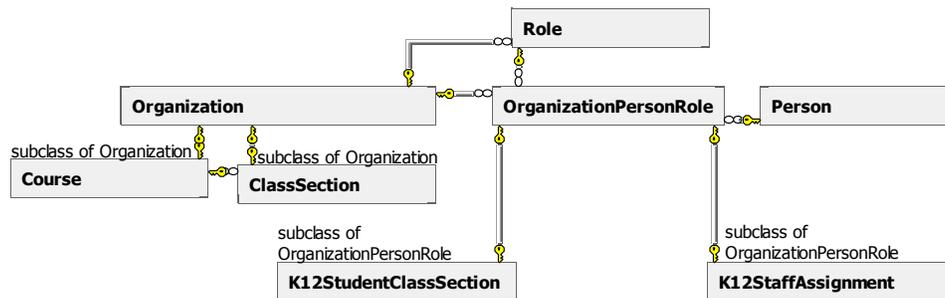
Student Data Link – A Technical Implementation Guide shortly after the release of CEDS version 3. Information about TSDL implementation is also available at www.tSDL.org]

From Source System to Operational Data Store

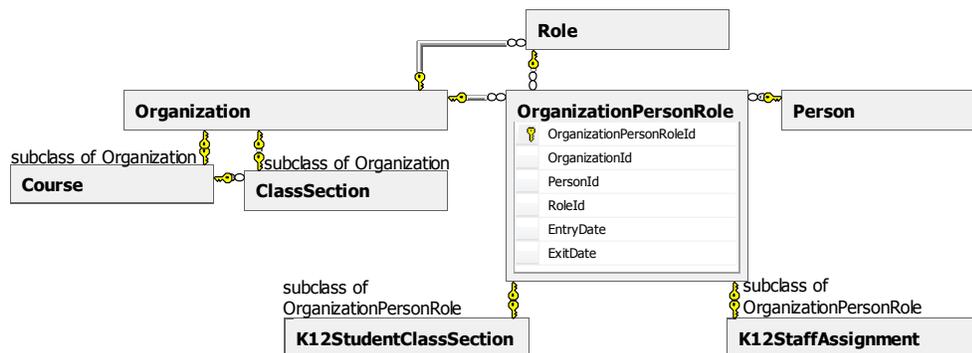
A P-20W implementation must transform the data from the source system into a data schema such as the CEDS Normalized Data Schema (NDS). Both systems may use elements defined by the CEDS standards, but the structure of the data is different.

A key difference is that the source system defines “student” and “employee” as separate entities, whereas the NDS model takes a P-20W approach and that a “person” may have the role of a PS Student while enrolled in a teacher prep or professional development program. The same “person” takes on the role of a teacher when assigned to a K12 ClassSection. The NDS model also normalizes K12ClassSection as a subclass of Organization.

The following illustration shows how the CEDS NDS is organized by person-organization-role and the section of the data model pertaining to the teacher-student data link:



In this model, each person associate with the class section is represented as a record in **OrganizationPersonRole**. If the person is a teacher, teacher’s aide, or paraprofessional the model uses **K12StaffAssignment** to capture information required for that type of association. If the person is a student, the model uses **K12StudentClassSection** to capture information required for a student’s association with the class section.



The **OrganizationPersonRole** table includes the **ExitDate** and **EntryDate** fields that apply to the student enrollment or staff assignment to the class section. This allows for capture of specific “dosage” information often required for teacher-student data link analysis. For example, a teacher that goes on medical leave, is replaced temporarily, and then returns later in the year may have two records in

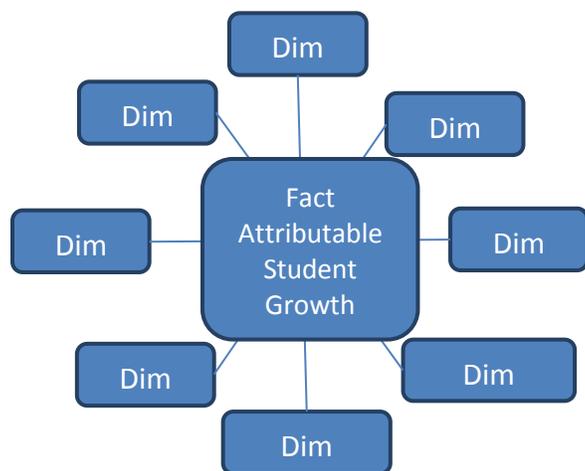
OrganizationPersonRole for the class section, one with EntryDate=2013-09-01 and ExitDate=2013-10-15, and another with EntryDate=2014-02-03 and ExitDate=2014-06-17.

To transform the data from the K12 source system to the P-20W operational data schema:

1. Personal information about Student and Staff (teacher) needs to be transformed into the Person tables of the NDS,
2. Information about the class section and corresponding course needs to be transformed into Organization, ClassSection, and Course; and
3. Information about class enrollment for a student and teachers assignments needs to be transformed into the model that uses the common OrganizationPersonRole.

Moving to the Data Warehouse

A best practice for the reporting structure is a “star schema” data structure with FACT tables representing numeric measures (e.g. student growth) with conformed DIMENSION tables containing attributes by which the fact data are filtered, sorted, and labeled (e.g. school name, teacher identifier, class-section identifier). The following diagram shows an example of a “star schema” data model that might be used in a dimensional data warehouse.



Like the transformation from the K12 student information system to the P-20W operational data store, a transformation from the normalized data store to the de-normalized star schema in the data warehouse is needed due to the differences in structure. Moreover, like the previous transformation, both schemas may use CEDS standard element definitions.

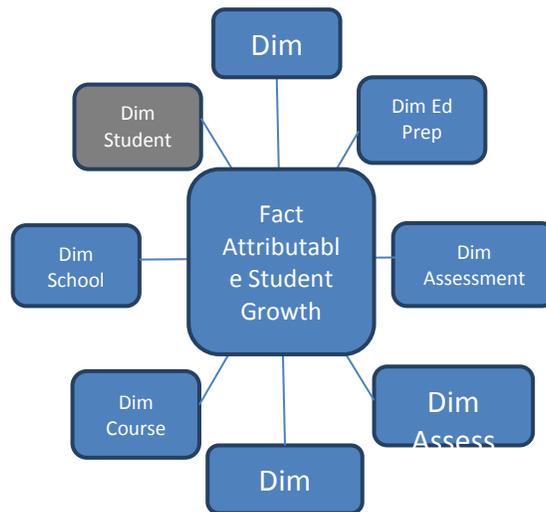
This example star schema, like the source system, is organized by a person’s role (student, staff) in the context of a class-section, i.e. the student enrolled in a class and the staff member assigned to a class. (The figure assumes one growth or value-add methodology is used, but adding a “Dim Growth Model” table could allow for growth to be calculated in multiple ways and compared, as long as the system is configured and/or users trained to avoid invalid comparisons.)

Note: The star schema is an effective model for analytics within a relational database management system due to its usability, scalability, and performance. The performance is gained due to the reduced

the number of join operations that the relational database management systems must execute, and because the dimension tables are kept “wide” but “shallow,” while the fact tables are “narrow” but “deep.” Fact tables may contain millions or billions of rows but only contain numeric measures and keys (narrow). Dimension tables contain fewer rows (shallow) with a rich set of descriptive labels (wide). Non-relational database technologies accomplish performance gains for analytics using other methods.

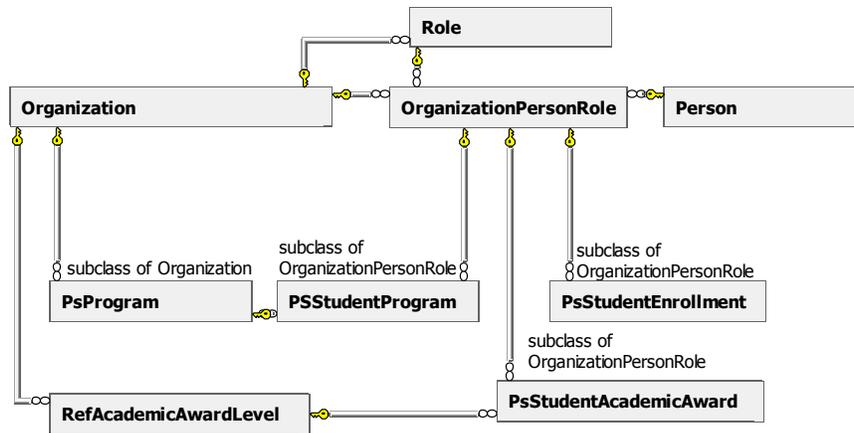
In the above example, we can attribute student growth to a teacher, a class taught by one or more teachers, to a course, or to a school. The primary teacher prep program could be an attribute of the Staff dimension, but let us take it another step to include some postsecondary data.

Since a teacher may have multiple degrees from multiple institutions as part of teacher prep, we could redesign the star schema with a Dim Educator Prep Program. (This could get more complicated if we want to optimize analysis of questions that involve the timing or level of participation vs. completion for each educator to each prep program. For this example, we will limit it to a simply the educator prep program(s) *completed* by the teachers assigned to a class.)



**A best practice for data warehouse design is to use the most atomic level of data available. In this case, the grain is a record in Fact table for every student growth metric that can be associated with a class. The end user of the system may not have the option of seeing student level results, but the student-level detail needs to be in the Fact table so to support flexibility of rolling up the data along the other dimensions.*

To complete the example, we will show how CEDS elements that relate to postsecondary teacher preparation programs might be transformed from the CEDS NDS to the Dim Ed Prep Program table. The following illustration shows the CEDS NDS tables that might be needed to populate the Dim Ed Prep Program table.



The table below shows some of the information that might be needed to populate Dim Ed Prep Program and the source elements as defined in the CEDS NDS.

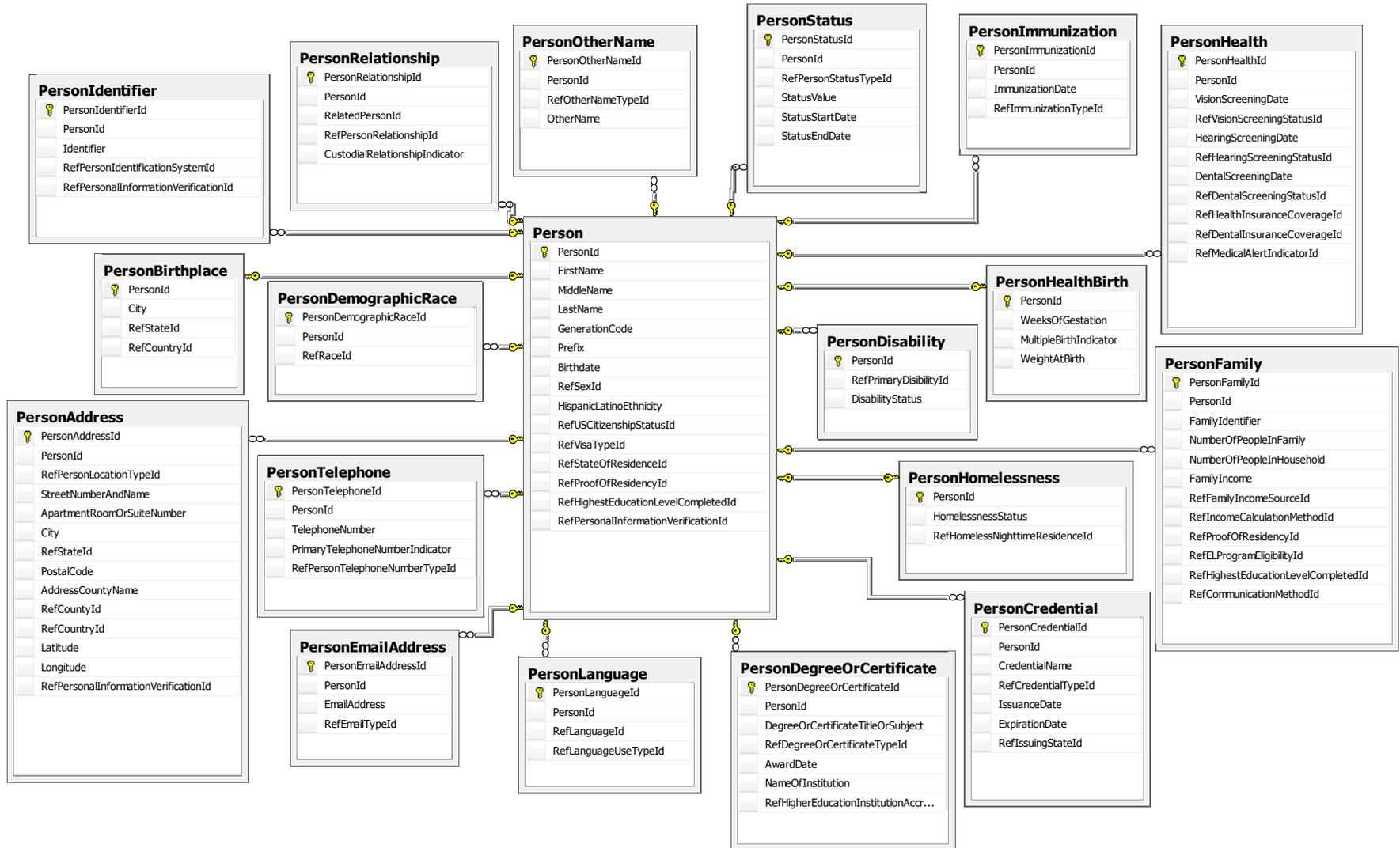
Source Table	Source Column	Destination Column
Organization (PsInstitution)	Name	Institution Name
OrganizationIdentifier (PsInstitution)	Identifier (selected by RefOrganizationIdentificationSystemId)	IPEDS Identifier
Organization (PsProgram)	Name	Program Name
PsProgram	RefCIPCodeId (using Ref table to lookup the code)	CIP Code
PsStudentAcademicAward	RefAcademicAwardLevelId	Academic Award Level
Source Table	Source Column	Destination Column
Organization (PsInstitution)	Name	InstitutionName
OrganizationIdentifier (PsInstitution)	Identifier (selected by RefOrganizationIdentificationSystemId)	IPEDSIdentifier
Organization (PsProgram)	Name	ProgramName
PsProgram	RefCIPCodeId (using Ref table to lookup the code)	CIPCode
PsStudentAcademicAward	RefAcademicAwardLevelId	AcademicAwardLevel

For this transformation, we first need the data that links the Person assigned as Teacher Of Record for a Class Section to their educator prep program, then we can get the data we need about the organizational attributes of the program and institution. The transformation rules may include filters such as only populating the table when the Postsecondary Program is for specific CIPCodes (Classification of Instructional Program Code).

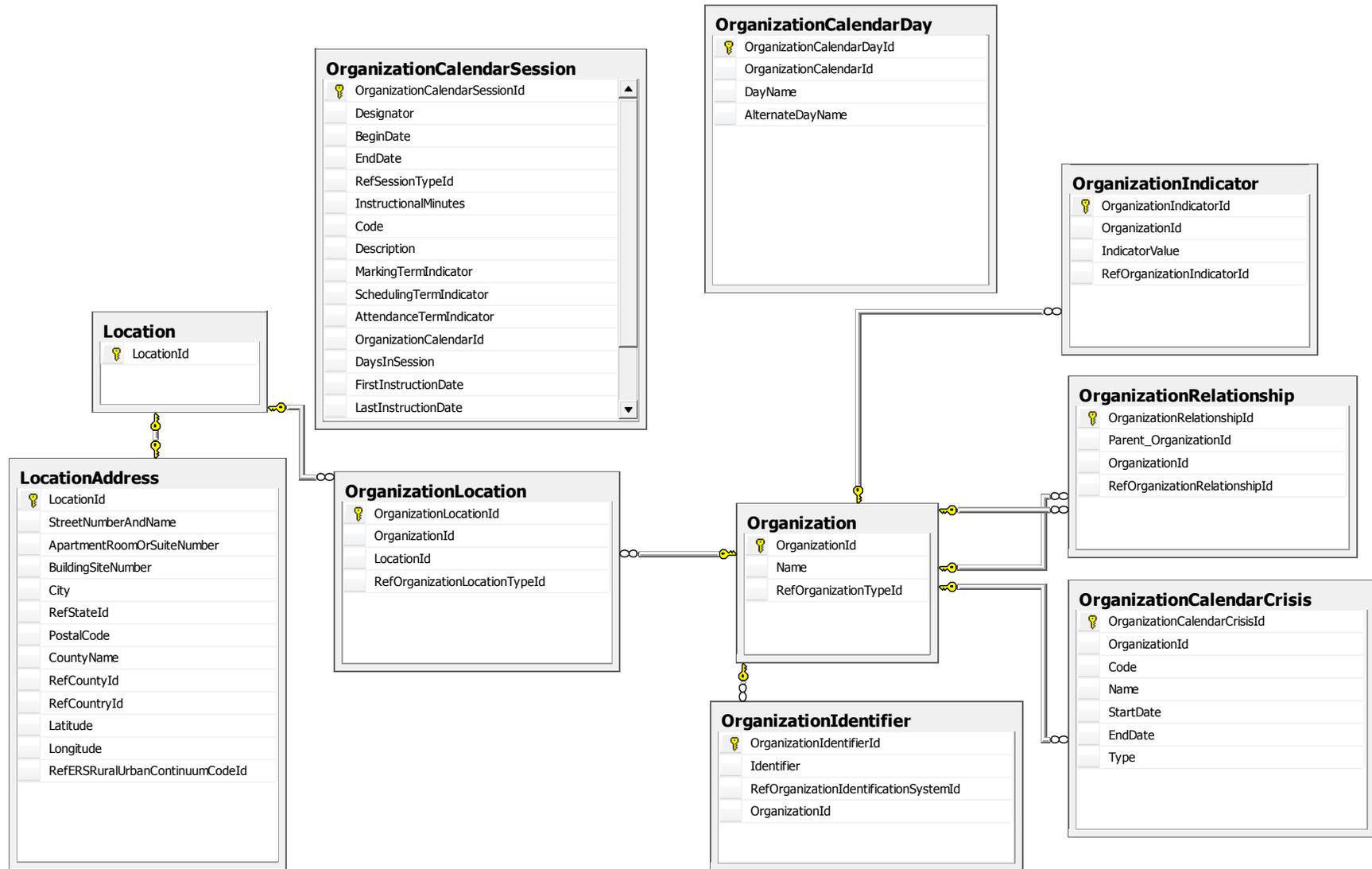
APPENDIX A: NDS ENTITY RELATIONSHIP DIAGRAMS

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.

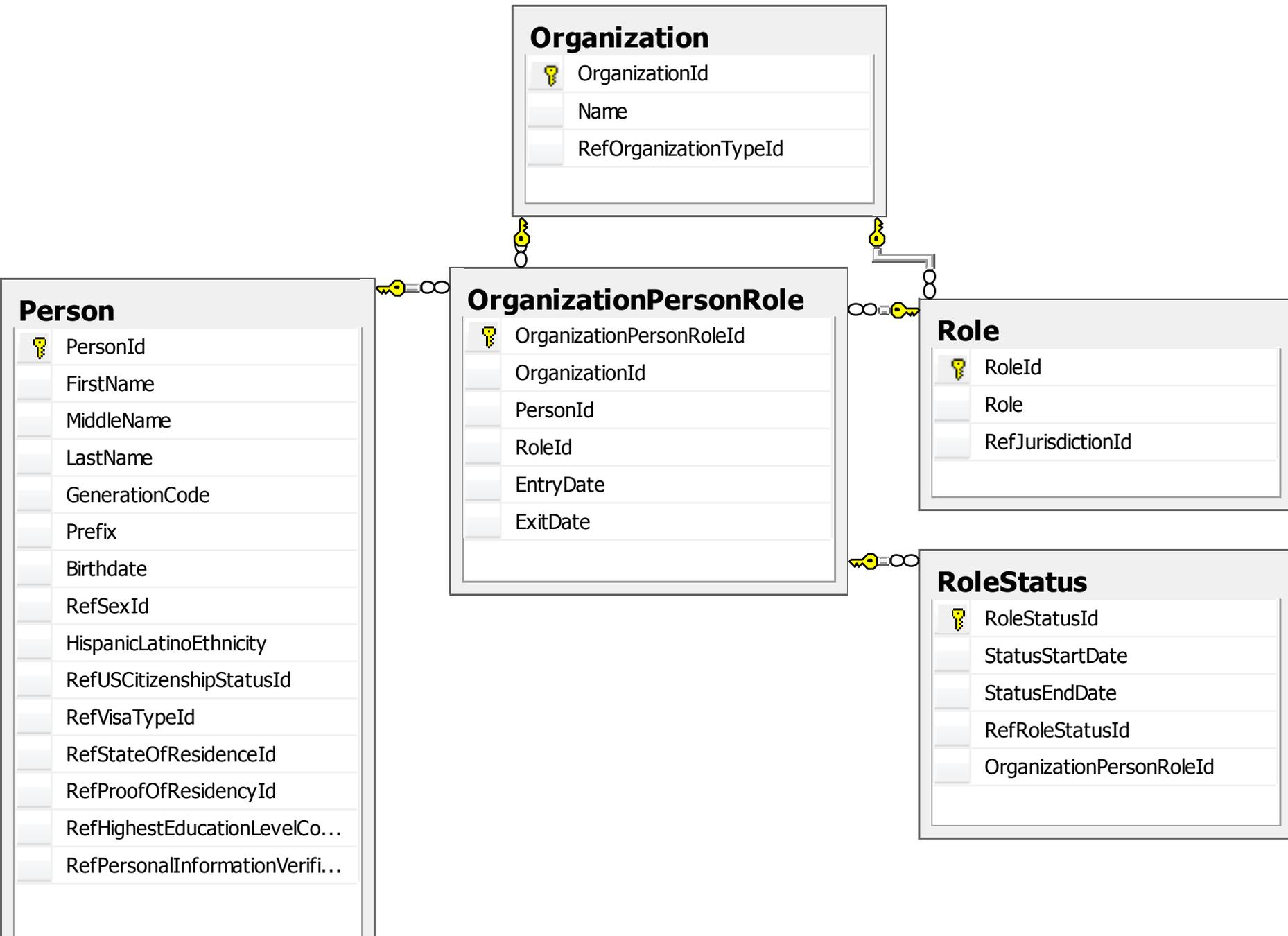
Common: Person



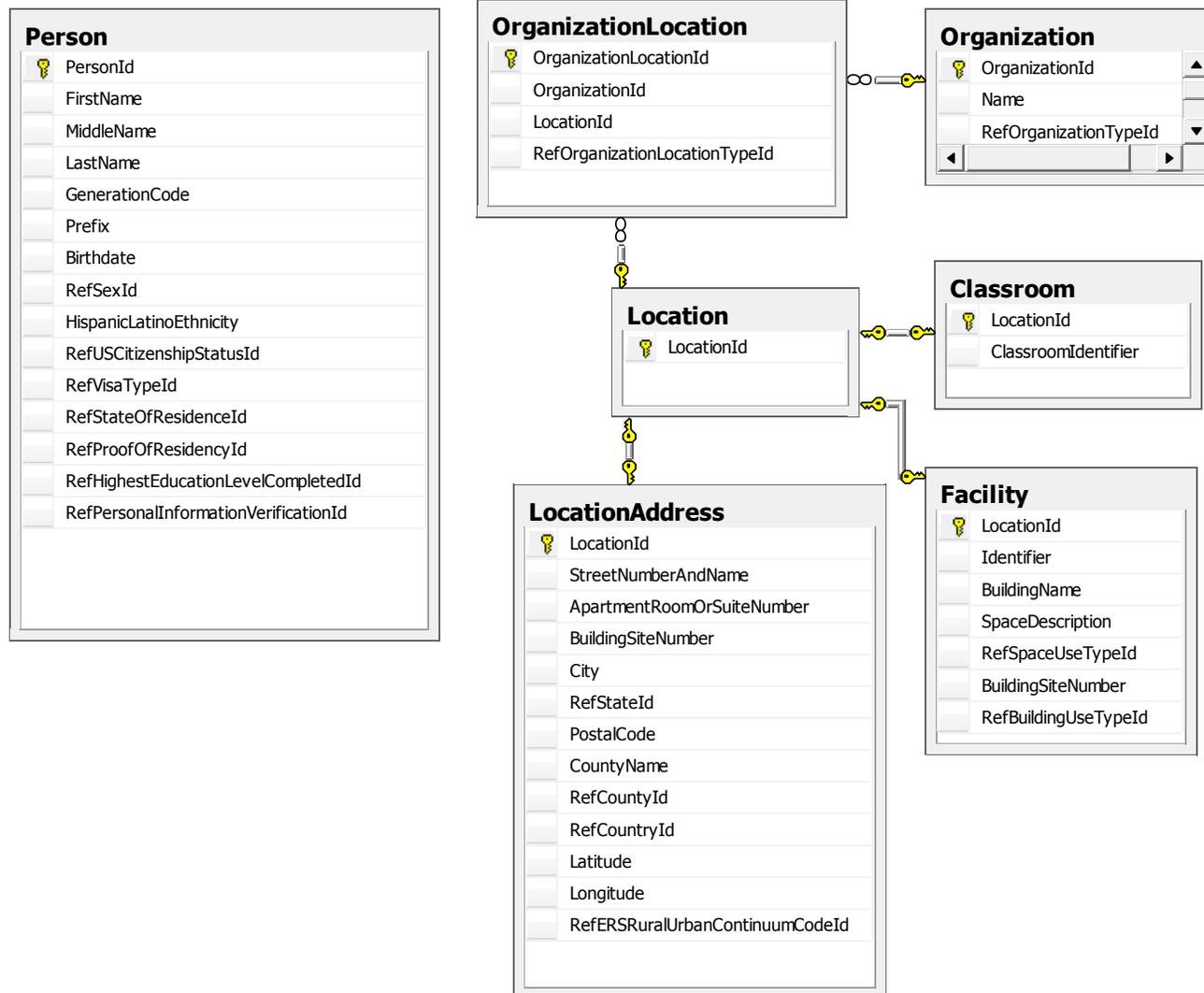
Common: Organization



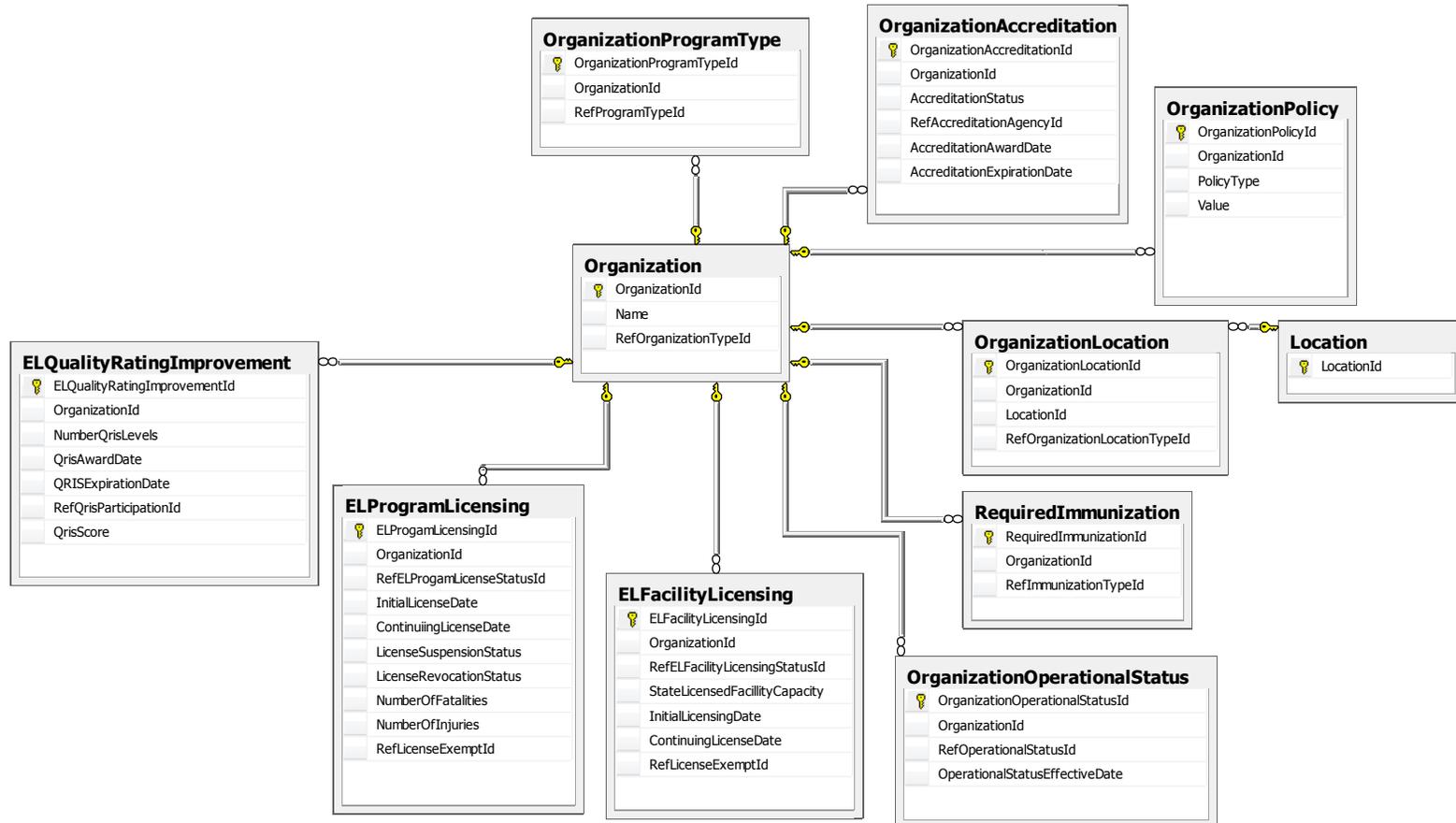
Common: Role



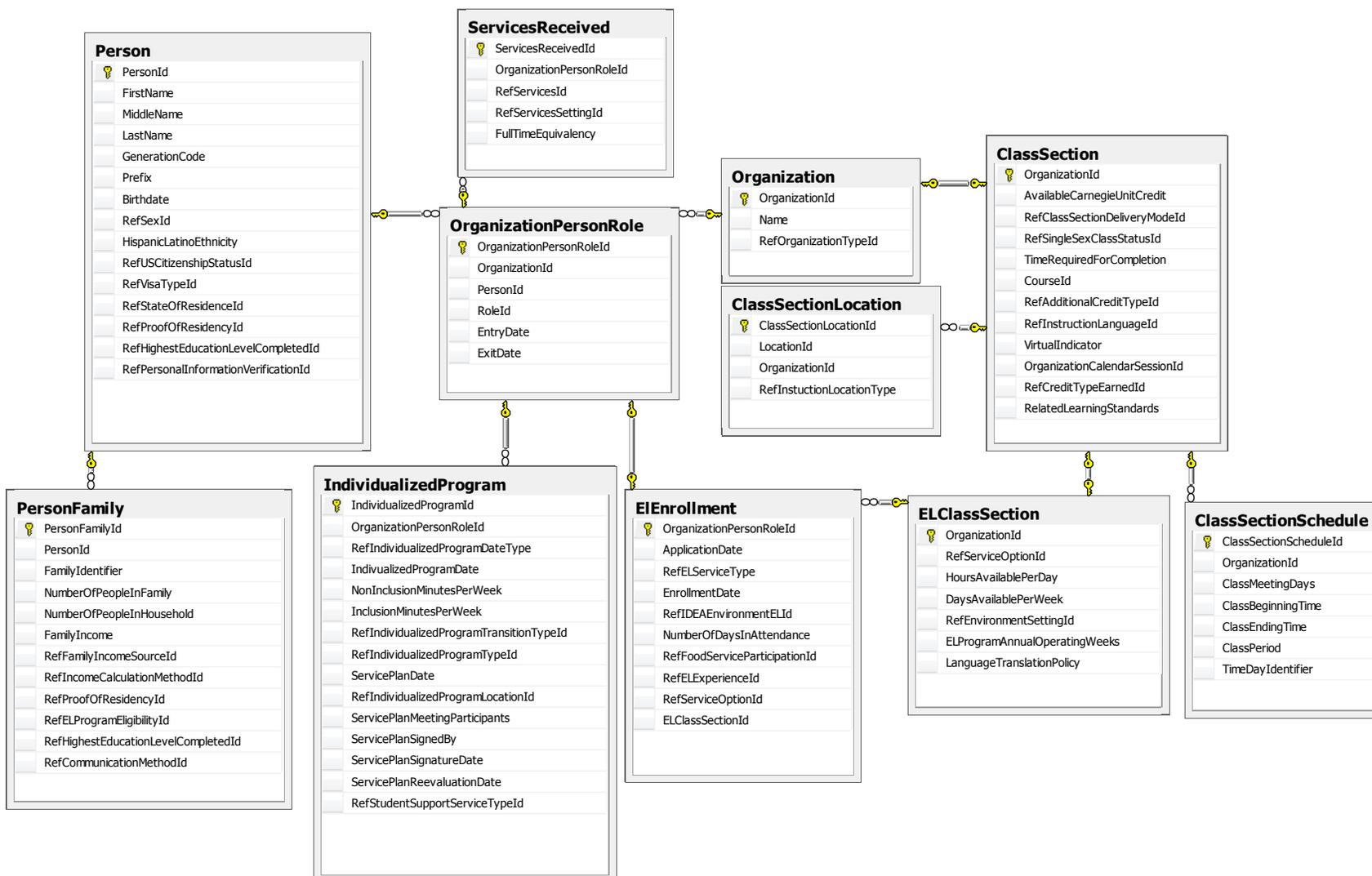
Common: Location



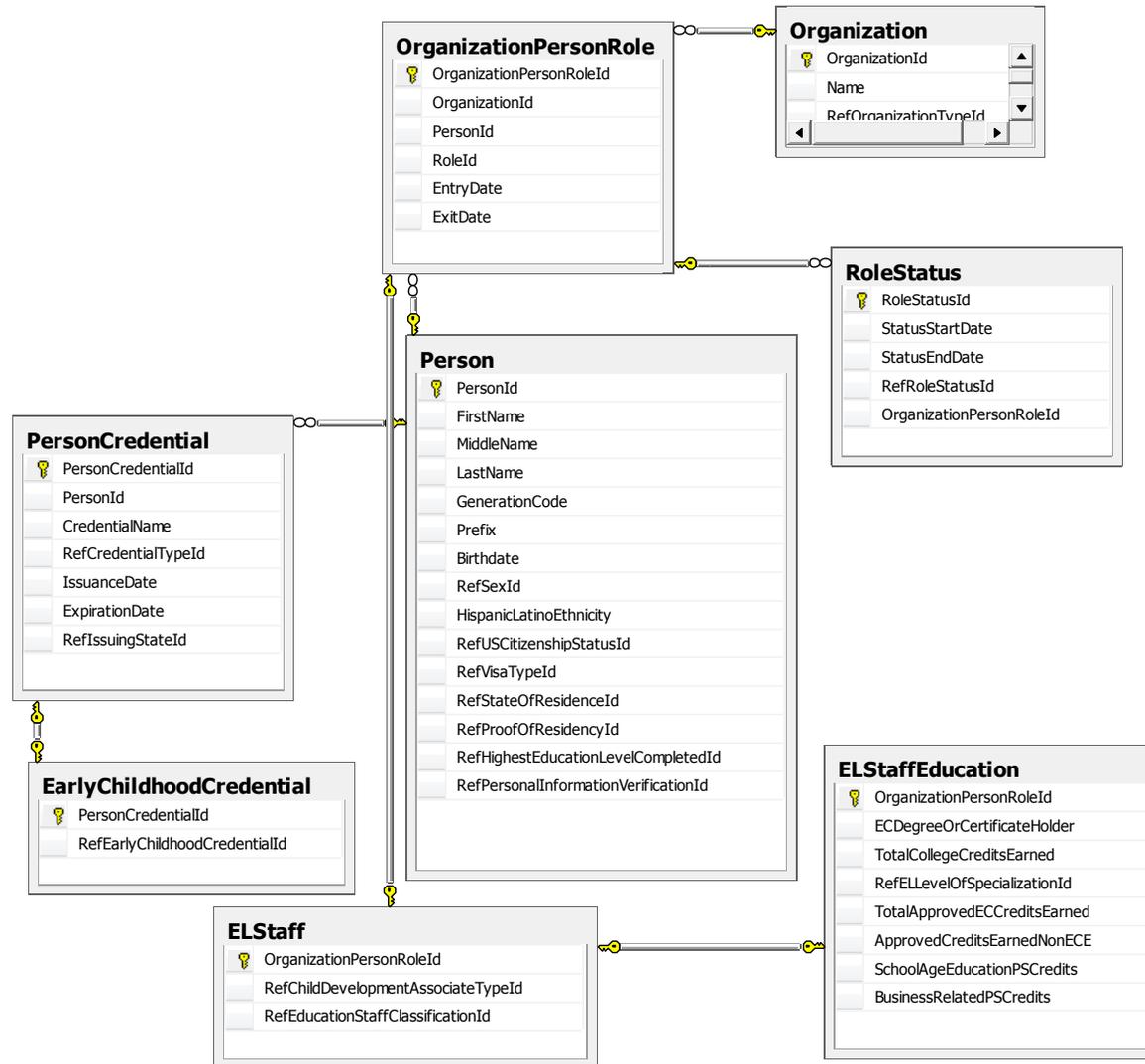
Early Learning: Organization



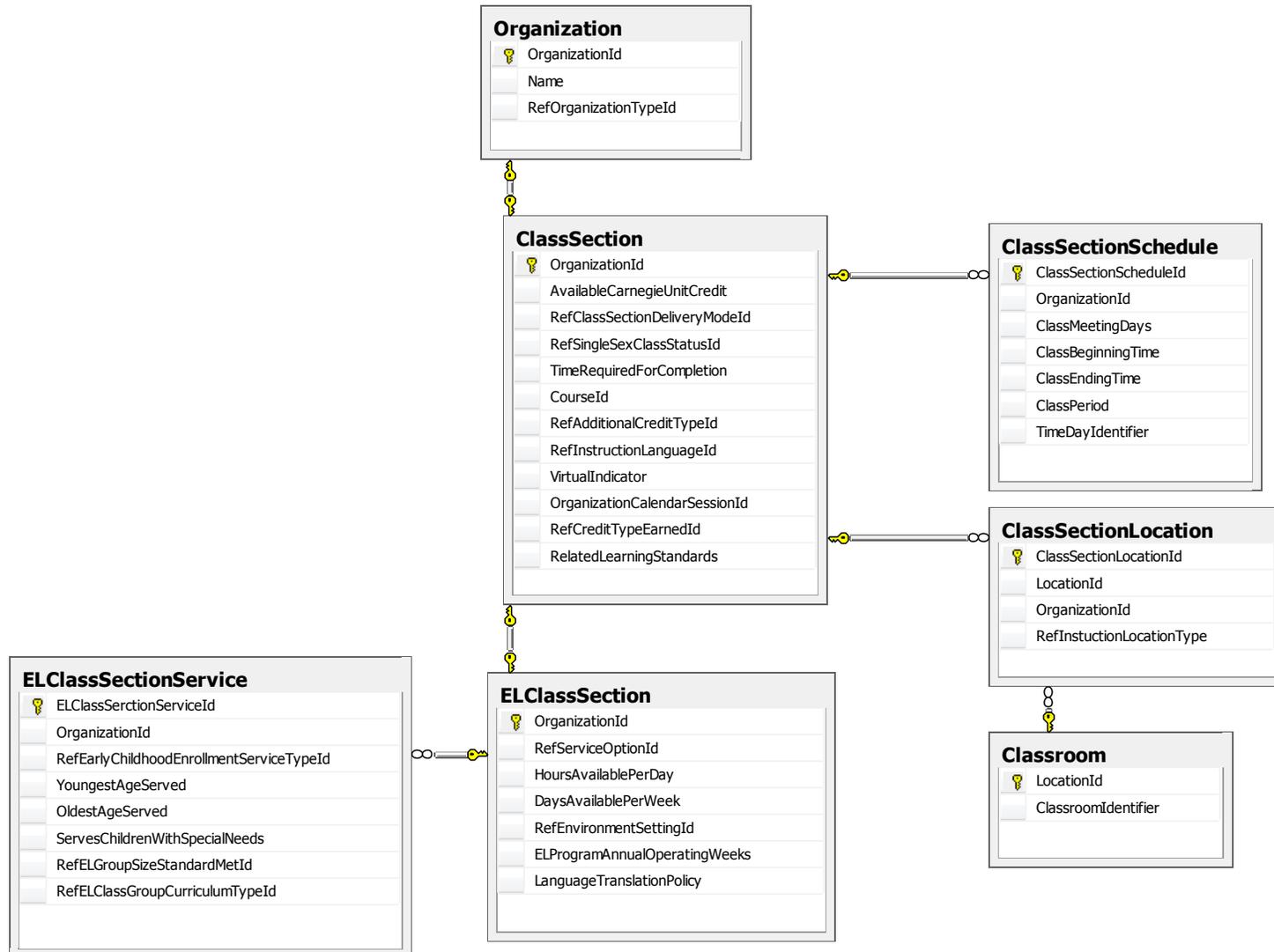
Early Learning: Participation



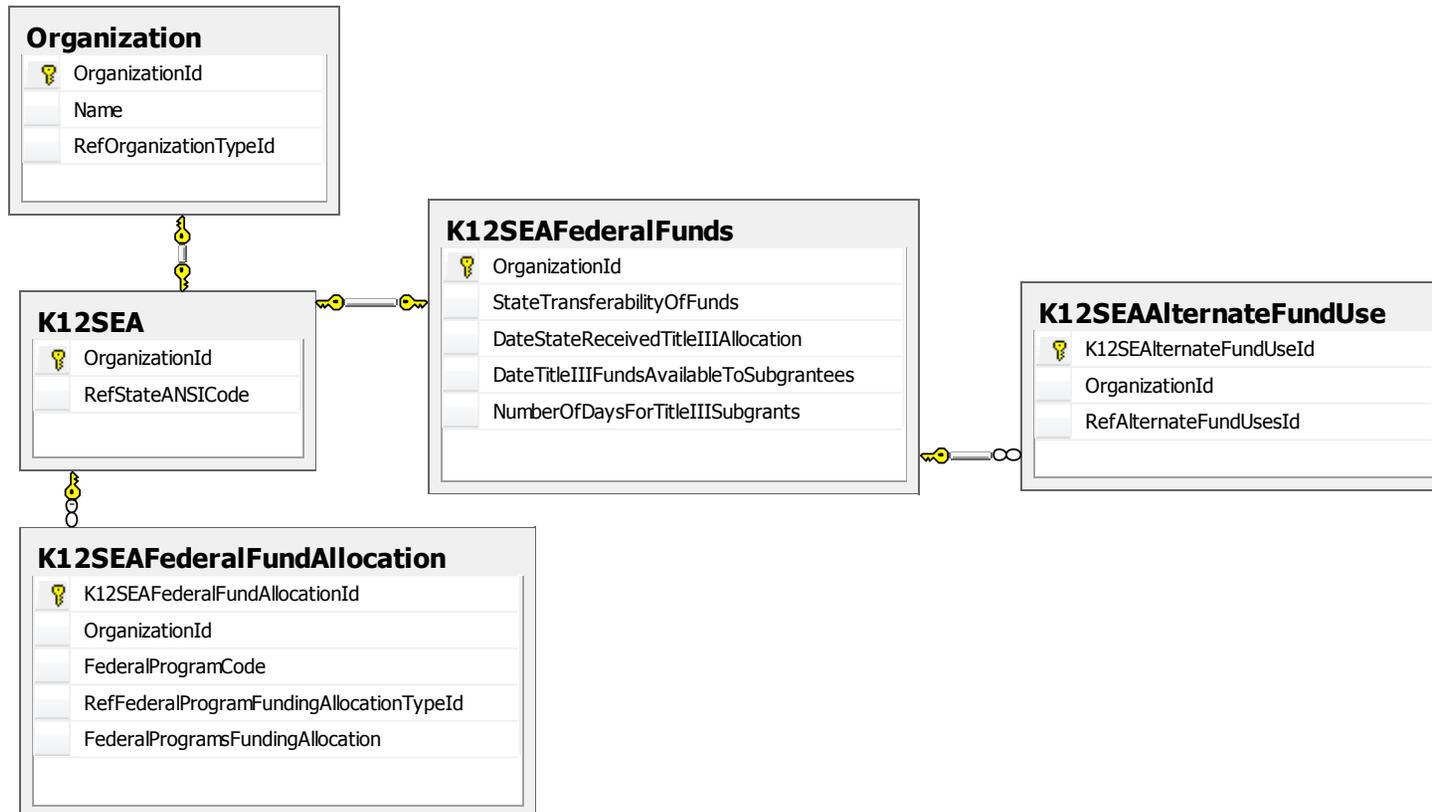
Early Learning: Staff



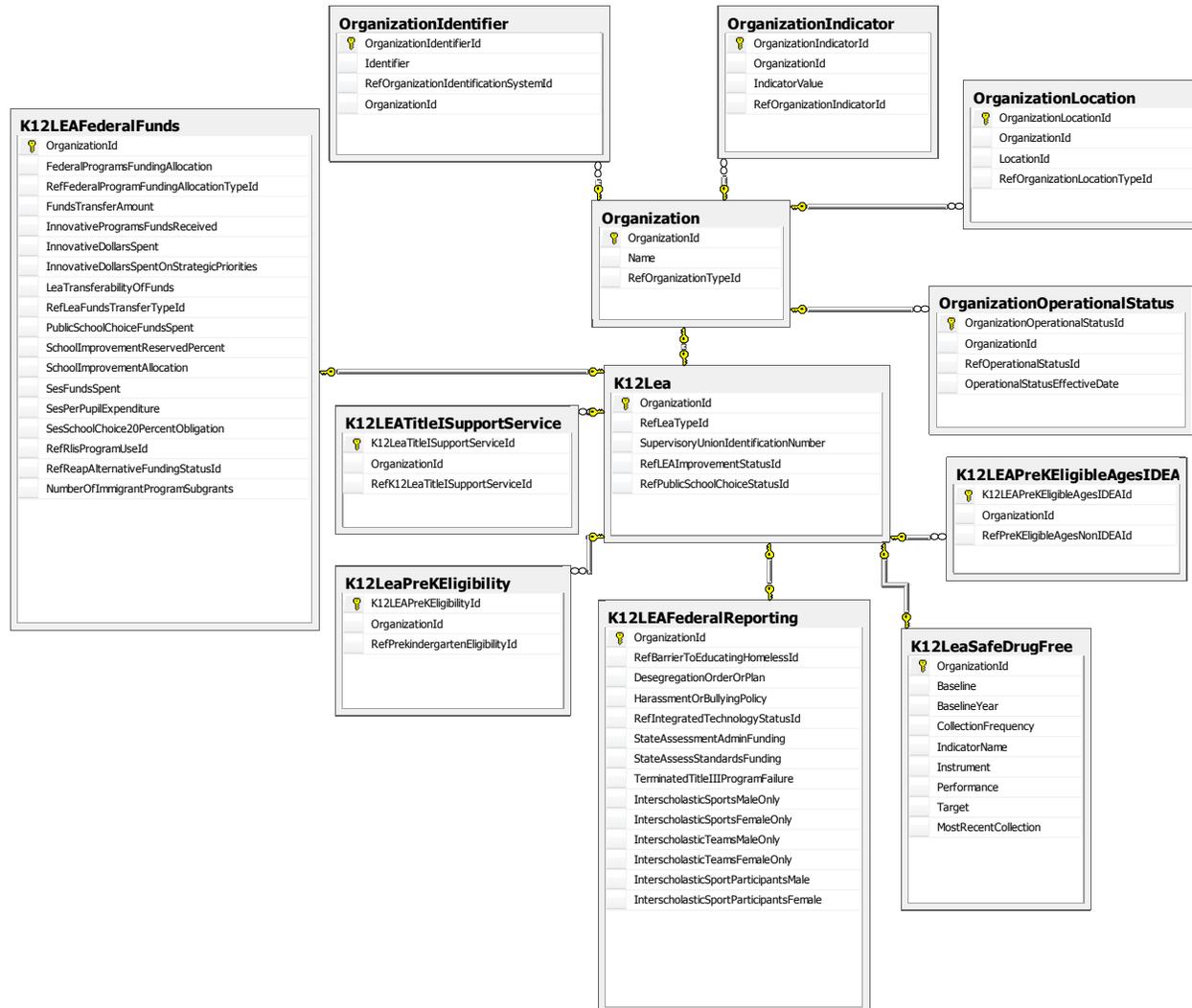
Early Learning: Class Group



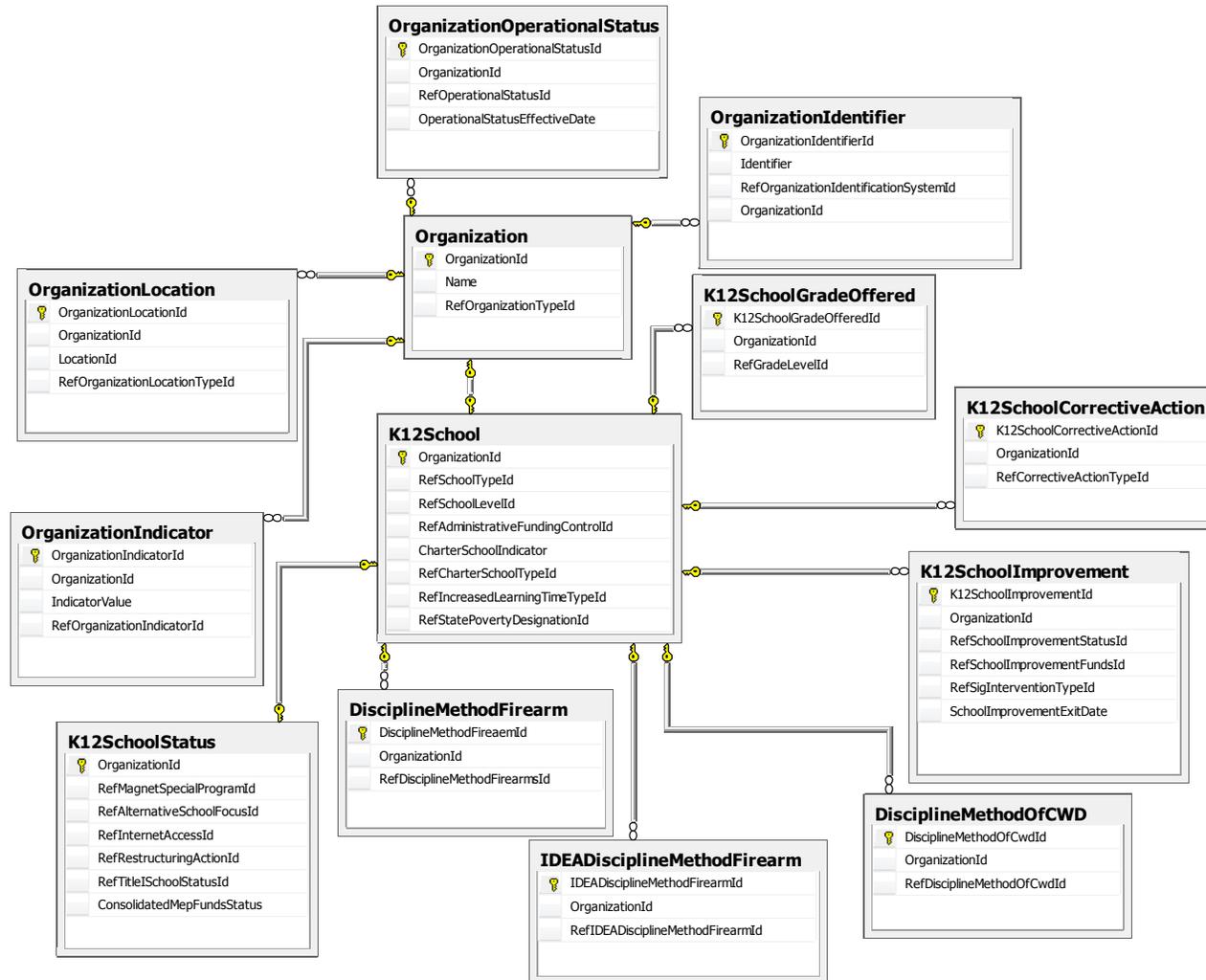
K12: SEA



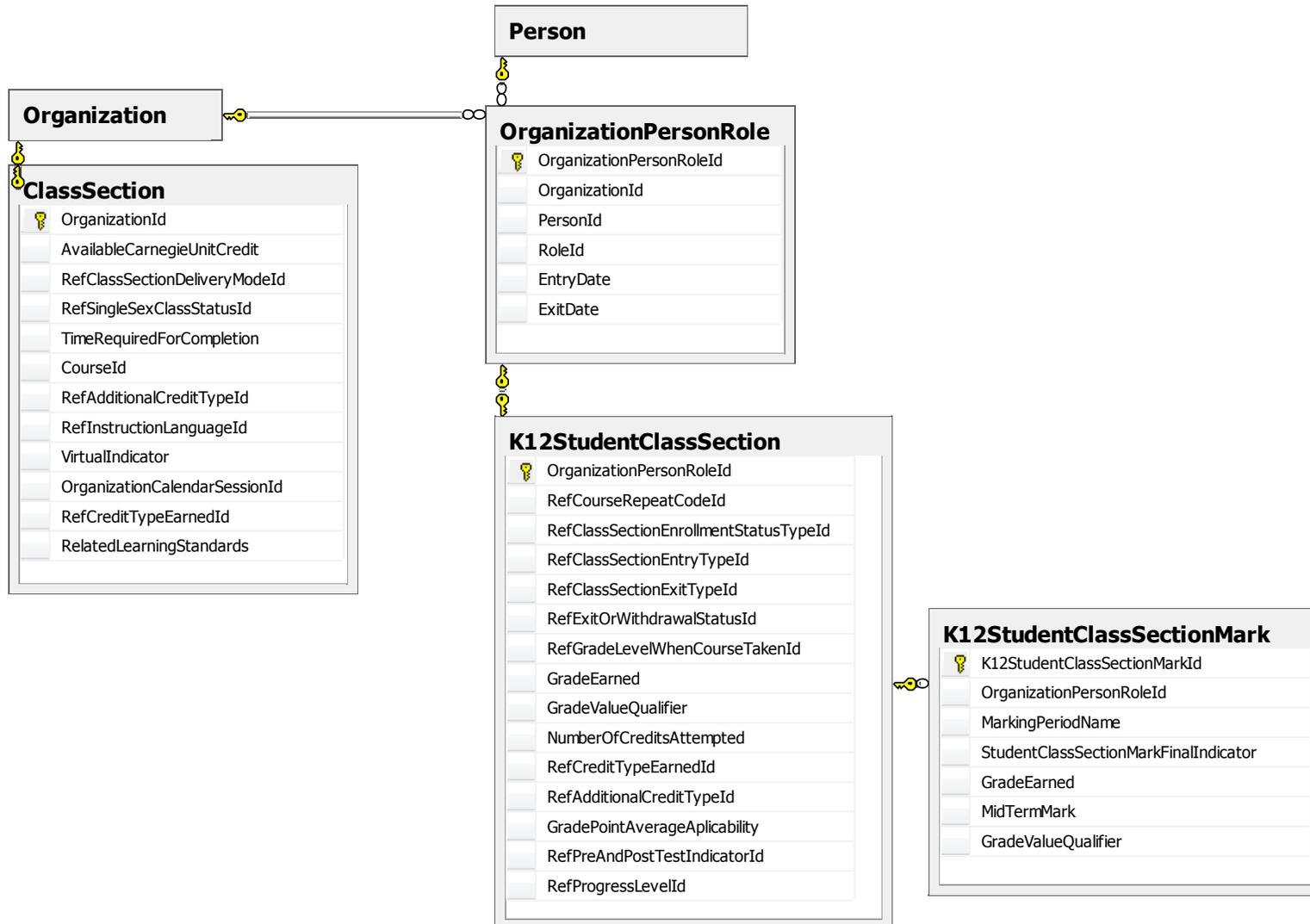
K12: LEA



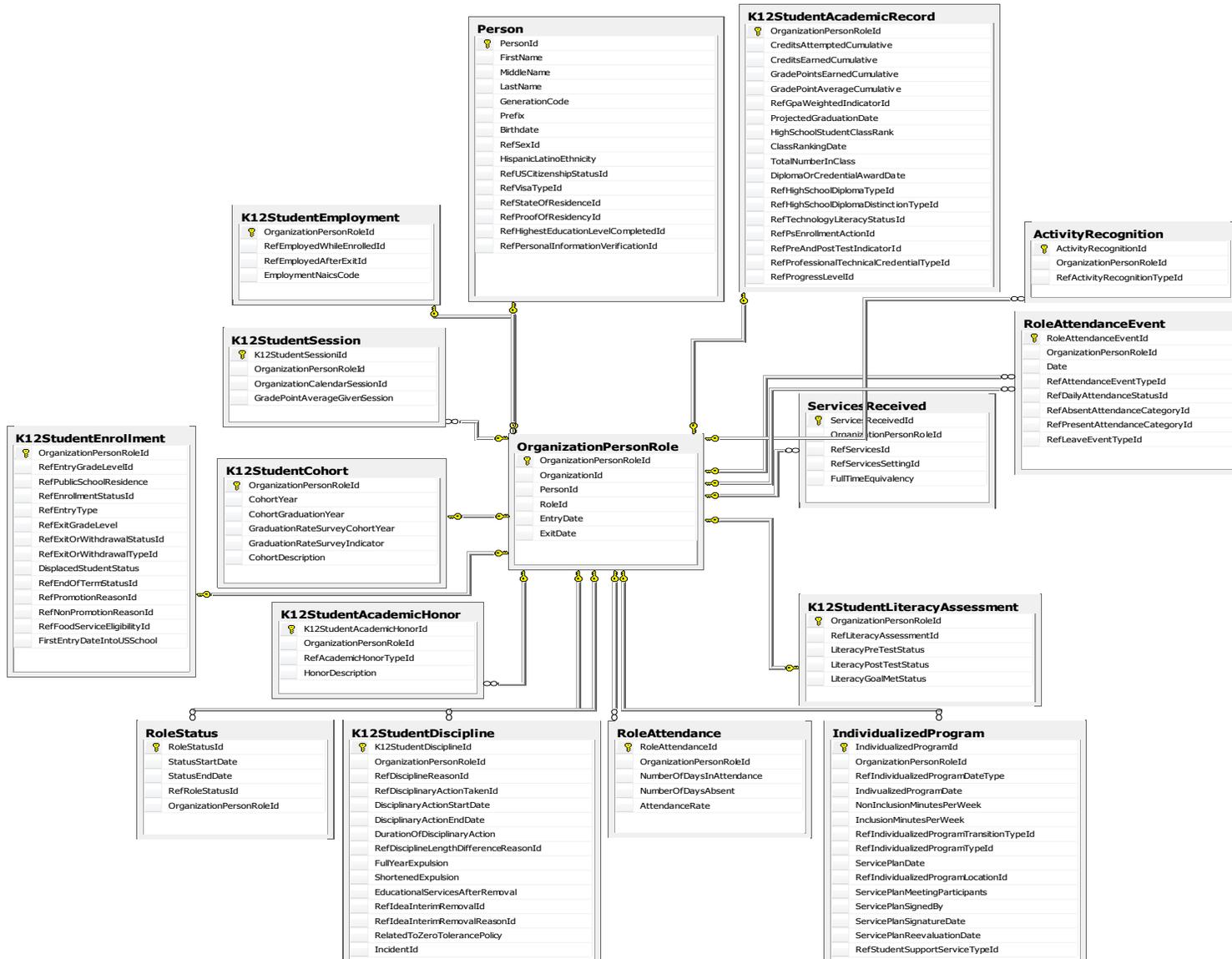
K12: School



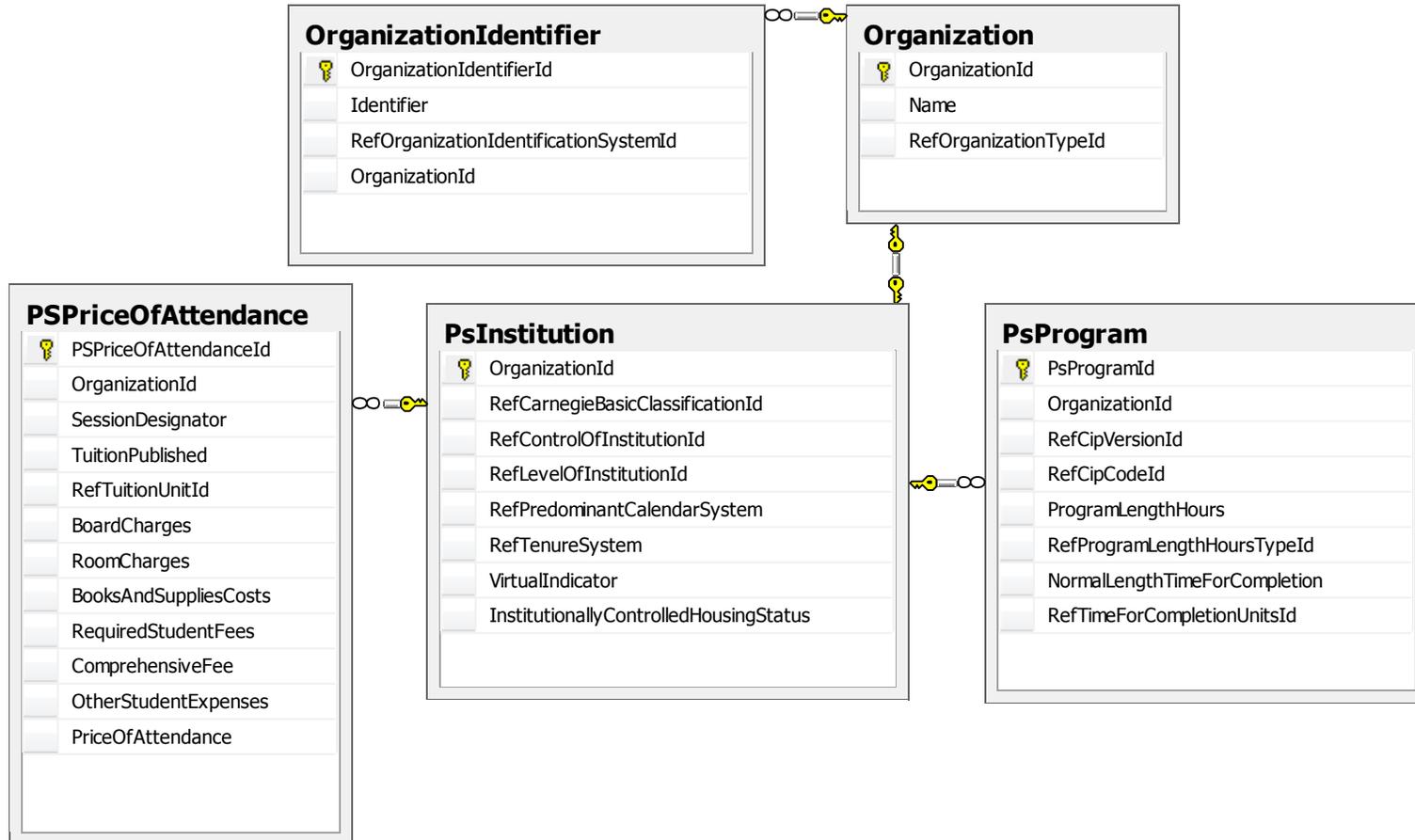
K12: Class Section



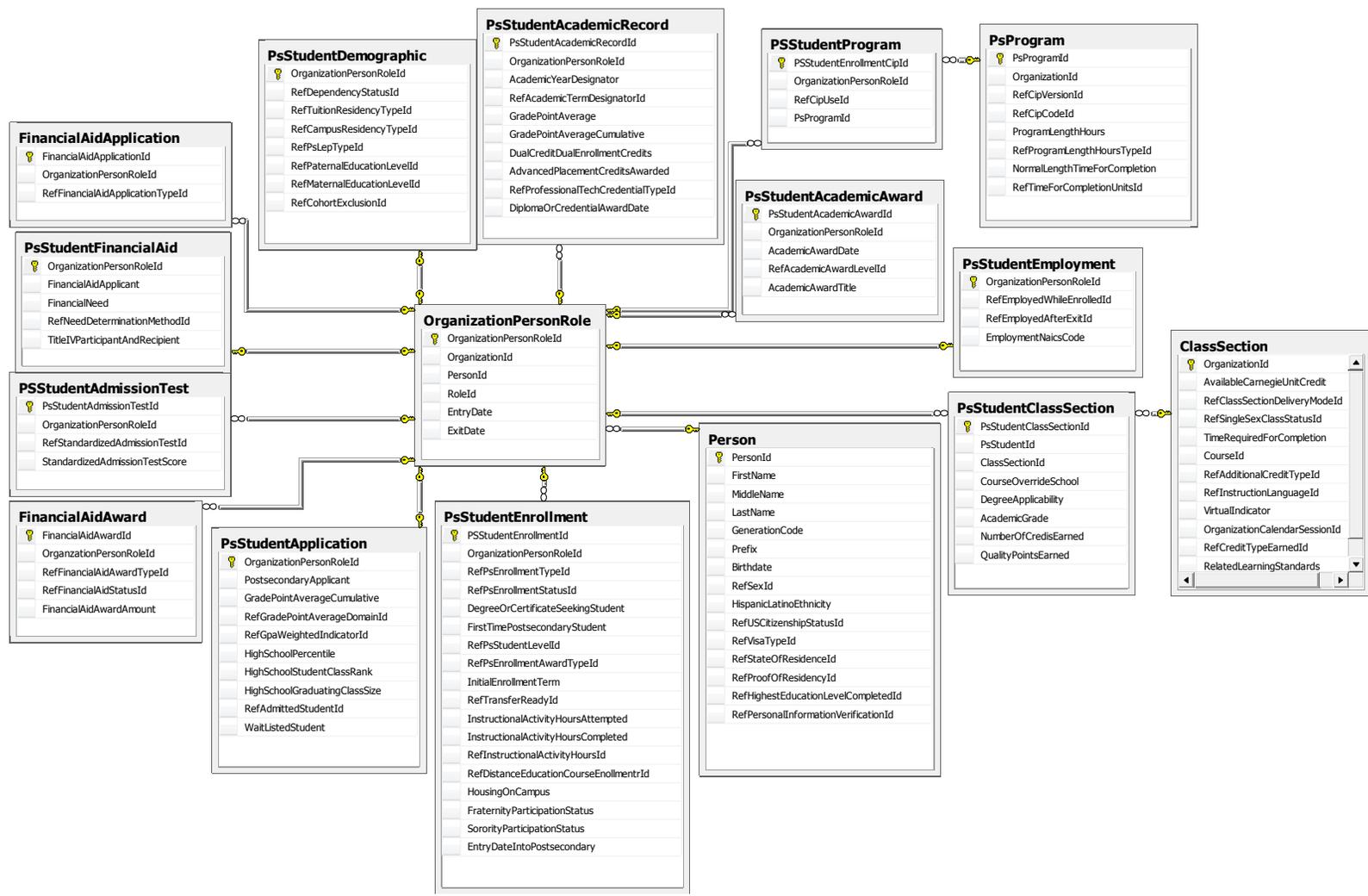
K12: Student



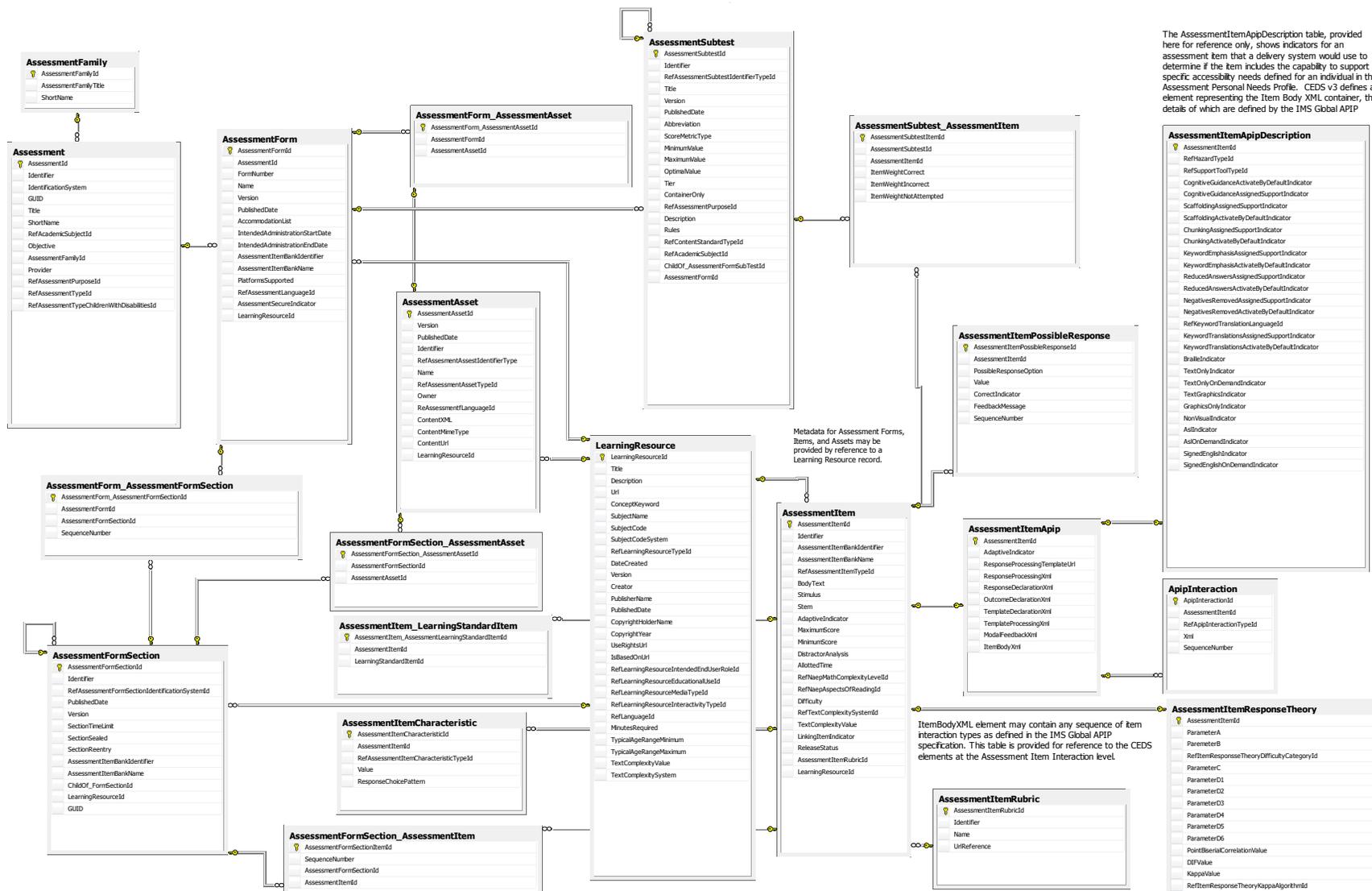
Postsecondary: Organization



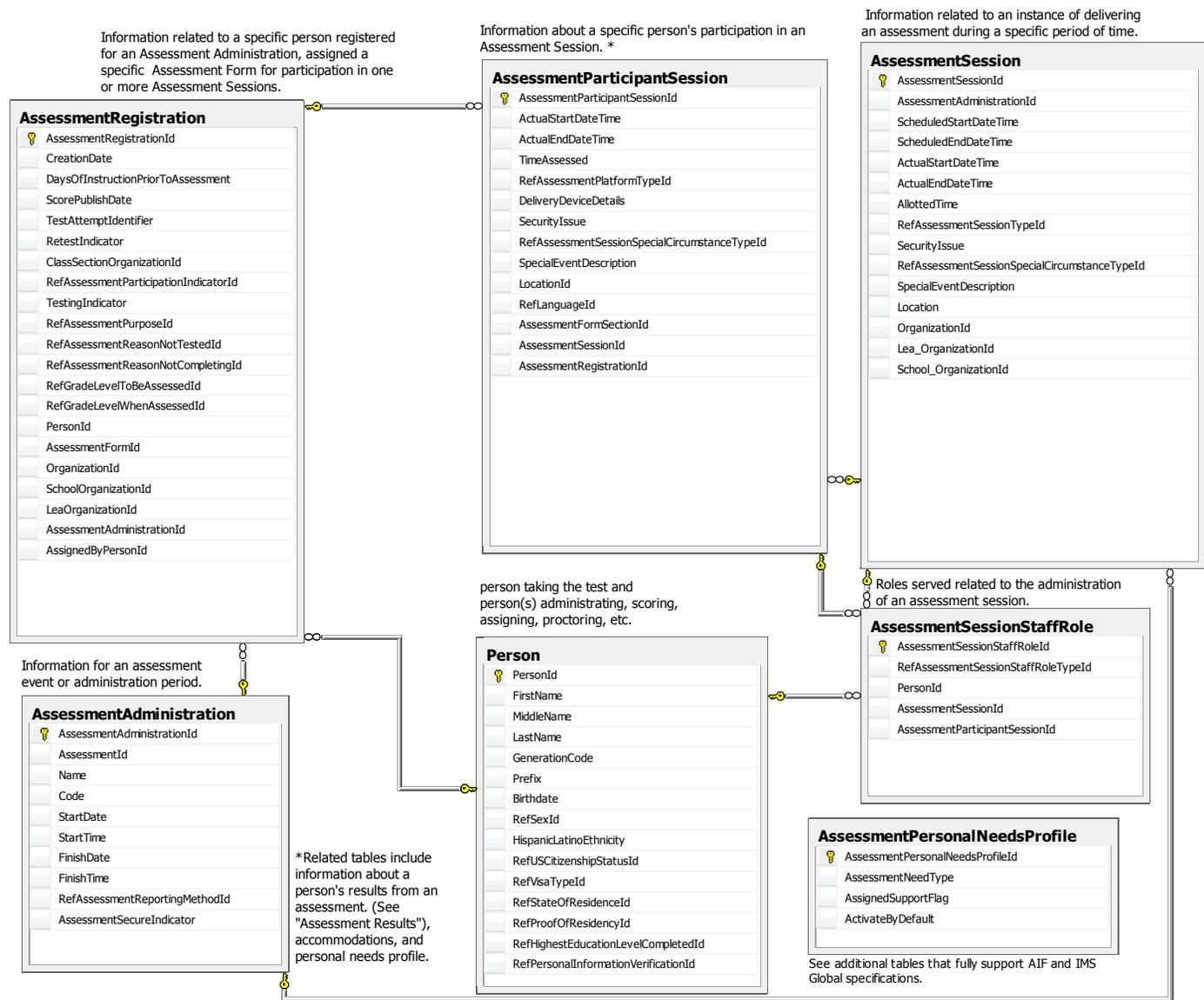
Postsecondary: Student



Assessment: Design



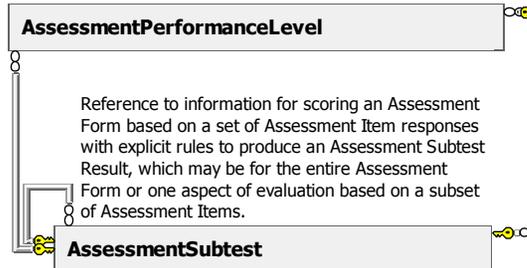
Assessment: Delivery



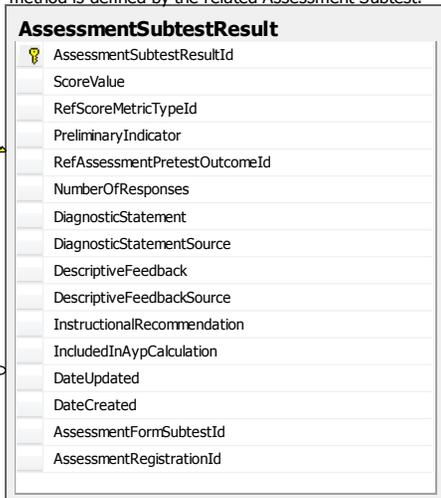
Assessment: Results

Reference to information about the performance levels that may be assigned to an Assessment Subtest Result and specifications for selecting the performance level based on a score. Four styles are supported:

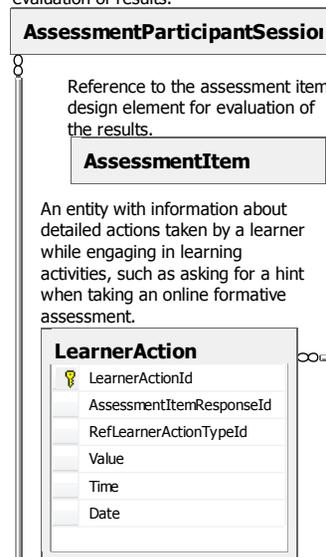
- 1) Specification of performance level by lower and upper cut score
- 2) Specification of performance level by lower cut score only
- 3) Specification of performance level without any mapping to scores
- 4) Specification of performance level by mapping to other scores



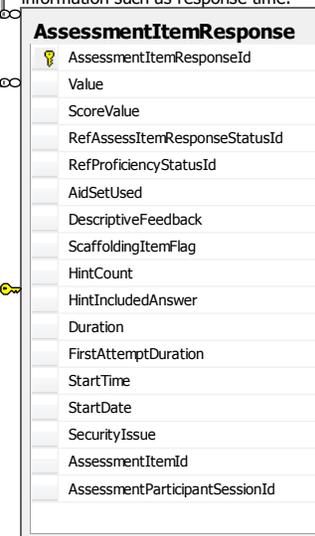
An entity that includes information about a person's results from an assessment which may be for the entire assessment or one aspect of evaluation. The scoring method is defined by the related Assessment Subtest.



Reference to delivery data for evaluation of results.

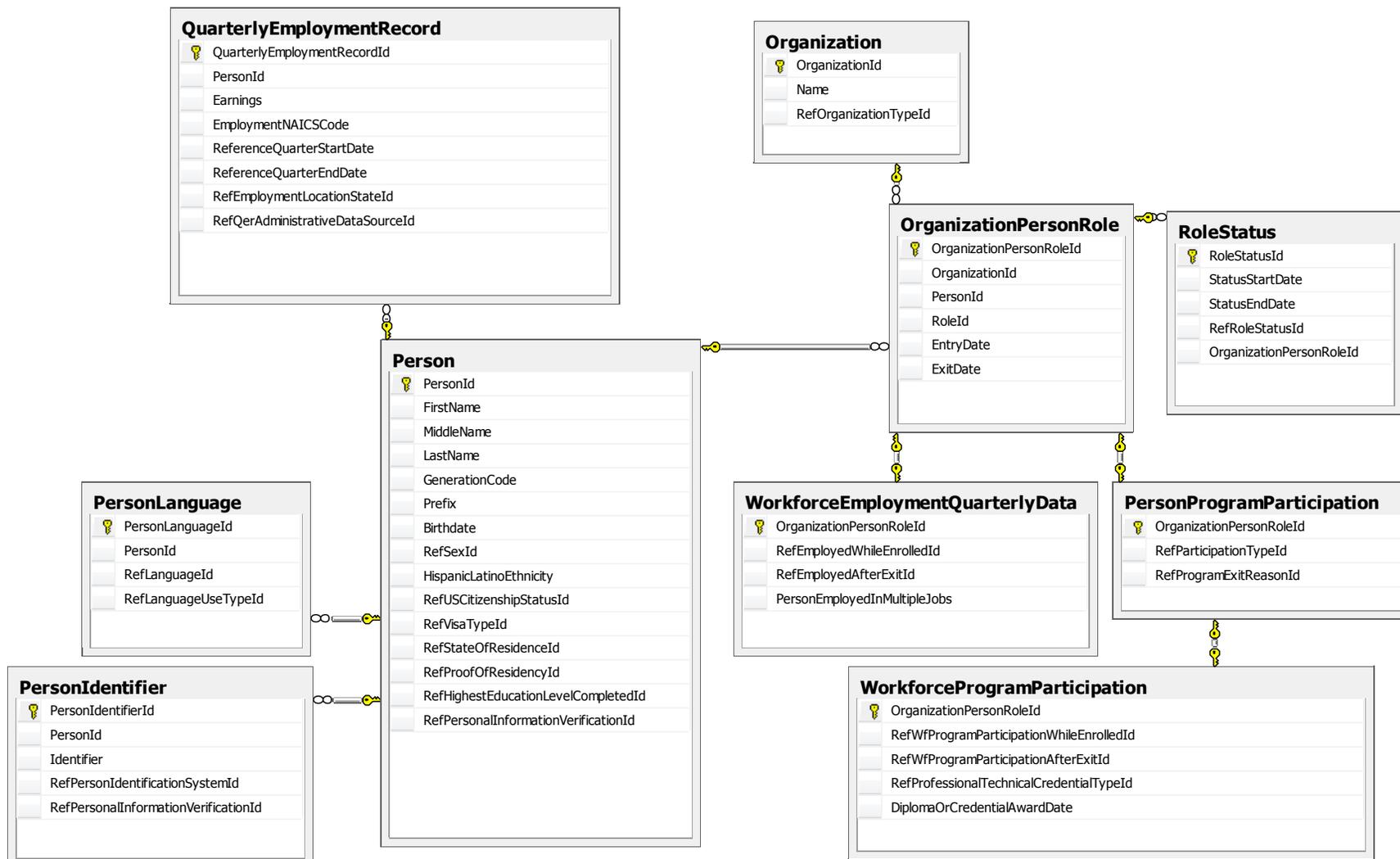


An entity with information related to a specific response to an assessment item by the person being assessed. The entity includes the response, a score or indication that the response was correct or incorrect, and other information such as response time.



Results are linked via Assessment Registration and by reference to other assessment delivery information.

Workforce



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

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

Note: Due to normalization, some CEDS elements 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 do not 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.

Table	Description
Achievement	An achievement earned by a learner upon fulfilling a specified criteria, which may be defined by a related a Competency Set.
AchievementEvidence	A statement or reference describing the evidence that the learner met the criteria for attainment of the achievement. [CEDS Element: Achievement Evidence Statement, ID:000901]
ActivityRecognition	Recognition given to the student for accomplishments in a co-curricular, or extra-curricular activity. [CEDS Element: Recognition for Participation or Performance in an Activity, ID:000229]
AeProvider	Information on an adult education provider organization.
AeStaff	Adult education staff information.
AeStudentAcademicRecord	Adult education student's academic information attributes.
AeStudentEmployment	Employment information for an adult education student.
ApiInteraction	Accessible portable item protocol interaction.
Application	A data system or application.

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.)
Assessment_AssessmentAdministration	The association of an Assessment to an instance of Assessment Administration.
AssessmentAdministration	Information related to an assessment event or administration period. It includes information related to the time period of administration, and place(s) of administration .
AssessmentAdministration_Organization	Association of an Assessment Administration to one or more Organizations.
AssessmentAsset	Content used to compose an assessment item, is referenced by an item but not part of the item content itself, or is content that is included as part of a section within an assessment form. Assets can be static content such as art work or dynamic assets such as calculators or other tools.
AssessmentFamily	A set of assessments with a common name, jurisdiction, or focus (e.g. SAT, GRE, NAEP).
AssessmentForm	An instance of an assessment that can equate scores with another instance of that same assessment.
AssessmentForm_AssessmentAsset	The association of an Assessment Form to an Assessment Asset.
AssessmentForm_AssessmentFormSection	The association of an AssessmentForm to one or many AssessmentFormSections.
AssessmentFormSection	A section for an Assessment Form.
AssessmentFormSection_AssessmentAsset	The association of an Assessment Form Section to an Assessment Asset.
AssessmentFormSection_AssessmentItem	The association of an Assessment Item to an Assessment Form Section.
AssessmentItem	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.
AssessmentItem_LearningStandardItem	The learning standard items associated to an assessment item.
AssessmentItemApip	The templates, processing and declaration data for an assessment item APIP.
AssessmentItemApipDescription	
AssessmentItemCharacteristic	The type and value for a psychometric measure.
AssessmentItemPossibleResponse	The collection of possible response options and values for an assessment item.

AssessmentItemResponse	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.
AssessmentItemResponseTheory	
AssessmentItemRubric	A rubric that may be utilized for scoring an assessment.
AssessmentLanguage	The association of an Assessment to one or more languages.
AssessmentLevelsForWhichDesigned	The association of an Assessment to one or more grade levels for which the assessment is designed.
AssessmentNeedApipContent	Used as part of an Assessment Personal Needs Profile to define the content preferences and representation.
AssessmentNeedApipControl	Used as part of an Assessment Personal Needs Profile to define the control attributes.
AssessmentNeedApipDisplay	Used as part of an Assessment Personal Needs Profile to define the display attributes.
AssessmentNeedBraille	Defines as part of an Assessment Personal Needs Profile the attributes for Braille display
AssessmentNeedScreenEnhancement	Defines as part of an Assessment Personal Needs Profile the attributes for screen enhancement.
AssessmentParticipantSession	An entity that includes information about a specific person's participation in an Assessment Session.
AssessmentParticipantSession_Accommodation	The association of an Assessment Participant Session to one or more Accommodations.
AssessmentPerformanceLevel	Information about levels of performance used to classify or label the results of an assessment. Four styles are supported: <ol style="list-style-type: none"> 1. Specification of performance level by lower and upper cut scores 2. Specification of performance level by cut score - lower only 3. Specification of performance level without any mapping to scores 4. Specification of performance level with mapping to other scores
AssessmentPersonalNeedLanguageLearner	
AssessmentPersonalNeedScreenReader	Defines as part of an Assessment Personal Needs Profile the attributes for a screen reader.
AssessmentPersonalNeedsProfile	Identifies a type of need identified for a learner as part of an assessment need profile.
AssessmentPersonalNeedsProfileContent	
AssessmentPersonalNeedsProfileControl	

AssessmentPersonalNeedsProfileDisplay	
AssessmentPersonalNeedsProfileScreenEnhancement	
AssessmentRegistration	Information related to a specific person registered for an Assessment Administration, assigned a specific Assessment Form for participation in one or more Assessment Sessions.
AssessmentRegistration_Accommodation	The accommodation(s) associated to an Assessment Registration.
AssessmentSession	Information related to an instance of delivering an assessment during a specific period of time.
AssessmentSessionStaffRole	The association of a Person to an Assessment identifying the role of the person.
AssessmentSubtest	Information for scoring an Assessment Form based on a set of Assessment Item responses with explicit rules to produce an Assessment Subtest Result, which may be for the entire Assessment Form or one aspect of evaluation based on a subset of Assessment Items.
AssessmentSubtest_AssessmentItem	The weighing factors for an Assessment Item on an Assessment Subtest.
AssessmentSubtest_LearningStandardItem	The learning standard items utilized by an assessment subtest.
AssessmentSubtestLevelsForWhichDesigned	Association of an Assessment Subtest to one or more Grade Levels.
AssessmentSubtestResult	An entity that includes information about a person's results from an assessment which may be for the entire assessment or one aspect of evaluation. The scoring method is defined by the related Assessment Subtest. The entity includes the score value and information about the score, such as a diagnostic statement.
Authentication	An application or service that can authenticate the identity of a person. The CEDS entity that includes information about an authentication provider, the login identifier used to authenticate a person's identity, and other information related to authentication of a person's identity.
Authorization	The CEDS entity that includes information about a data system or application which an authenticated person may access.
Classroom	A room where educational services are provided by a school, school system, state, or other agency or entity.
ClassSection	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.
ClassSectionAssessmentReporting	The method(s) 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.
ClassSectionLocation	The location where a Class/Section meets.
ClassSectionSchedule	The days and times when a Class/Section meets.
CompetencyItem_CompetencySet	The association of a learning standard item (competency item) to a competency set.
CompetencySet	The set of one or more competencies and criteria for completion of a learning goal, unit, course, program, degree, certification, or other achievement. (The criteria may be 'all' competencies in the set or 'at-least' # of competencies. Sets may be nested, e.g. all in subset A and 3 of 5 from subset B.)
CoreKnowledgeArea	The core knowledge areas addressed by a professional development activity.
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).
CteCourse	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).
CteStudentAcademicRecord	Summary academic record information for a career and technical education student.
DisciplineMethodFirearm	The methods used to discipline students who are not children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents.
DisciplineMethodOfCwd	The type of discipline methods used by an organization for the discipline of children with disabilities.
EarlyChildhoodCredential	The credential related to early childhood education or development held by a person.
EarlyChildhoodProgramTypeOffered	The type(s) of early childhood programs offered. [CEDS Element: Early Childhood Program Type Offered, ID:000829]
ELClassSection	A cohort of children receiving services together, or in some cases individually, usually for a predetermined amount of time, with at least one assigned primary teacher.
ELClassSectionService	The services provided in an early learning class/section.
ELEnrollment	Enrollment of early learners in a program, class, or section.
ELFacilityLicensing	The status and attributes of the facility license for an early learning organization.
ELOrganizationAvailability	Information on the early learning organization's availability to include time, groups served, facilities, and environment.

ELProgramLicensing	The status and attributes of the licensing for an early learning program.
ELQualityRatingImprovement	The early learning organization's Quality Rating and Improvement System (QRIS) attributes.
ELStaff	Early learning staff attributes.
ELStaffEducation	Early childhood credentials and education credits held by an early learning staff member.
ELStaffEmployment	Attributes for early learning staff employment. Extends from Staff.
Facility	Information about a piece of land, a building site, a building, or part of a building owned by and/or used for activities of an organizational unit such as a school, school system, program, or institution.
FinancialAidApplication	An application for financial aid submitted by a current or prospective student/learner.
FinancialAidAward	An award of financial aid for a student/learner.
IDEADisciplineMethodFirearm	The methods used to discipline students who are children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents.
Incident	The details for an incident involving a student or school.
IndividualizedProgram	Information on the type, design, dates, and participation of a student in an individualized program.
K12Course	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).
K12Lea	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.
K12LeaFederalFunds	Information on the federal funds received and distributed by the LEA under various programs.
K12LeaFederalReporting	Federal reporting status values and counts for an LEA.
K12LeaPreKEligibility	The groups of students for whom pre-kindergarten is available.
K12LeaPreKEligibleAgesIDEA	The ages of children not served under IDEA to whom the LEA's pre-kindergarten services are available.
K12LeaSafeDrugFree	Information about the LEA's performance under the Safe and Drug-Free Schools and Communities act.
K12LeaTitleIIIProfessionalDevelopment	The type of Title III professional development utilized by an LEA.
K12LeaTitleISupportService	The type of support services provided to students in Title I programs by an LEA.
K12OrganizationStudentResponsibility	The type of services/instruction the organization is responsible for the student.
K12ProgramOrService	Information on the programs and services offered by an LEA or school.
K12School	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).

K12SchoolCorrectiveAction	The types of corrective actions utilized by a K12 school under ESEA as amended.
K12SchoolGradeOffered	The specific grade or combination of grades offered by an education institution.
K12SchoolImprovement	Information on the improvement status for a K12 school.
K12SchoolStatus	The collection of status values for a K12 school.
K12Sea	The SEA is the state-level entity primarily responsible for the supervision of the state's public elementary and secondary schools.
K12SeaAlternateFundUse	Purposes that funds available under ESEA section 6111 (Grants for State Assessments and Related Activities) were used for purposes other than the costs of the development of the State assessments and standards required by section 1111(b). [CEDS Element: Uses of Funds for Purposes other than Standards and Assessment Development, ID:000459] (Foreign key - RefAlternateFundUse)
K12SeaFederalFundAllocation	The federal funds allocated by an SEA.
K12SeaFederalFunds	Information on the federal funds received by the SEA.
K12StaffAssignment	Describes a person's assignment to a K12 organization.
K12StaffEmployment	Employment attributes for a K12 Staff Member.
K12StudentAcademicHonor	Academic distinctions earned or awarded to a K12 student.
K12StudentAcademicRecord	The summary level academic record for a K12 student including graduation information.
K12StudentClassSection	The attributes for a K12 student enrolled in a class/section.
K12StudentClassSectionMark	Defines information about a mark associated with a student for a class section, including flags to indicate if the mark is a final grade or a midterm grade.
K12StudentCohort	Information on the cohort for a K12 student.
K12StudentDiscipline	The detail information for the reason and action taken for a discipline event of a K12 student.
K12StudentEmployment	Employment information for a K12 Student.
K12StudentEnrollment	Information about a student officially registered on the roll of a school or schools.
K12StudentLiteracyAssessment	Information about literacy assessment given to a K12 student.
K12StudentSession	Information specific to a K12 student and session.
K12TitleIIILanguageInstruction	The collection of Title III language instructional programs offered by an LEA.
LearnerAction	The information about detailed actions taken by a learner while engaging in learning activities, such as asking for a hint when taking an online formative assessment.
LearnerActivity	The work assigned to a learner and/or performed by a learner which can comprise of interaction with learning resources, and assessments.

LearnerActivity_LearningResource	The collection of learning resources for a learner activity.
LearningGoal	An entity that specifies the learning that is intended for an individual learner and the success criteria use to indicate progress toward the learning goal. In the formative assessment process a learning goal exists within the framework of a Learning Progression / Competency-based Pathway defined within the context of Learning Standards.
LearningResource	Describes the content, materials, or informational resources that support learning.
LearningResourceEducationLevel	The education level(s) associated to a learning resource.
LearningResourcePeerRating	An individual score, rating or level assigned to a Learning Resource by a person within the boundaries set by a Peer Rating System.
LearningStandardDocument	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).
LearningStandardItem	Content that either describes a specific competency (learning objective) or describes a grouping of competencies within the taxonomy of a Learning Standards Document.
LearningStandardItemAssociation	An entity that relates learning standard items to other learning standard items to support competency maps using competency to prerequisite-competency assertions, and to relate learning standard items to other objects such as learning resources.
LearningStandardItemEducationLevel	The education level, grade level or primary instructional level at which a Learning Standard Item is intended.
Location	A location such as a physical address or mailing address.
LocationAddress	Location that contains a address, city, state, zip.
Organization	An entity that represents any type of organization. It includes information common to all types of organizations. CEDS also defines specific types of organizations such as Early Learning Organization, K12 School and Post Secondary Institution.
OrganizationAccreditation	The accreditation status of an organization and accreditation agency.
OrganizationCalendar	A set of dates associated with an organization.
OrganizationCalendarCrisis	Information about a crisis that caused the displacement of students
OrganizationCalendarDay	A calendar day as described by the organization. Used for the school day, typically used for the bell schedule.
OrganizationCalendarEvent	The scheduled or unscheduled event.
OrganizationCalendarSession	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.

OrganizationEmail	An email address for an organization.
OrganizationFederalAccountability	Information on the status of the organization on various federal accountability measures.
OrganizationIdentifier	A unique number or alphanumeric code assigned to an organization 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 an organization.
OrganizationPersonRole	The association of an organization (e.g. school, section, employer) to a person with the role (e.g. student, staff).
OrganizationPolicy	Organizational policies. Examples would include Immunization Policy, Referral Policy, Language Translation Policy, Employee Policy.
OrganizationProgramType	The instructional or non-instructional programs, 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.
OrganizationRelationship	The relationship of one organization to another.
OrganizationTelephone	A telephone number for an organization.
OrganizationWebsite	The website URL for an organization.
PeerRatingSystem	The peer rating / scaling system used to rate a Learning Resource.
Person	A person, including Students, Staff and Parents.
PersonAddress	An address (e.g. physical or mailing) for a person.
PersonBirthplace	The city, state, and country where a person was born.
PersonCredential	The credential awarded to a person.
PersonDegreeOrCertificate	The name of the degree or certificate earned by an individual. This includes honorary degrees conferred upon an individual.
PersonDemographicRace	The associations of a person to a race. Multiple associations are allowed.
PersonDisability	The disability status for an individual and their primary disability.
PersonEmailAddress	The electronic mail (e-mail) address for a person.
PersonFamily	The attributes of a person's family.
PersonHealth	Data points of a person's health
PersonHealthBirth	Data points of a person's health and status at time of birth.
PersonHomelessness	Persons who lack a fixed, regular, and adequate nighttime residence.

PersonIdentifier	Identifiers assigned to an individual.
PersonImmunization	The immunizations that a person has satisfactorily received.
PersonLanguage	Languages that a person uses to communicate.
PersonOtherName	Other names or aliases for a person.
PersonProgramParticipation	Identifies the type of participation for a person participating in a program.
PersonRelationship	Identifies two people and the nature of their relationship.
PersonStatus	Identifies a status (yes/no) for a person for a status type.
PersonTelephone	Telephone number for a person.
ProfessionalDevelopmentActivity	Professional development activities associated to the professional development of education staff.
ProfessionalDevelopmentRequirement	Professional development requirements.
ProgramParticipationAE	Information on a person participating in an adult education program.
ProgramParticipationCte	Information on a person participating in a career and technical education program.
ProgramParticipationFoodService	Information on a person participating in a food service program.
ProgramParticipationMigrant	Information on a person participating in a migrant student education program.
ProgramParticipationNeglected	Information on a person participating in a neglected or delinquent student education program.
ProgramParticipationSpecialEducation	Information on a person participating in a special education program.
ProgramParticipationTeacherPrep	Information on a person participating in a teacher preparation education program.
ProgramParticipationTitleI	Information on a person participating in a Title I education program.
ProgramParticipationTitleIIILep	Information on a person participating in a Title III limited English proficiency education program.
PsCourse	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).
PsInstitution	An organization that provides educational programs for individuals who have completed or otherwise left educational programs in secondary school(s).
PsPriceOfAttendance	The price of attendance data for a postsecondary institution and a given session.
PsProgram	The attributes for a postsecondary program that define the type program, the program length, and other requirements for a degree or certificate.
PsStaffEmployment	Attributes for postsecondary staff employment. Extends from Staff.

PsStudentAcademicAward	An award conferred by a college, university, or other postsecondary education institution as official recognition for the successful completion of a program of study.
PsStudentAcademicRecord	The summary level academic record for a postsecondary student including graduation information.
PsStudentAdmissionTest	A student's performance on a test prepared and administered by an agency that is independent of any postsecondary education institution and is typically used for admissions purposes.
PsStudentApplication	Information on an individual who submits an application for admission to a postsecondary institution.
PsStudentClassSection	A postsecondary student's performance in a class/section.
PsStudentDemographic	Additional attributes for a postsecondary student (beyond those demographic attributes stored in PersonDemographic)
PsStudentEmployment	Employment information for a postsecondary student.
PsStudentEnrollment	Attributes of a person enrolled at a postsecondary institution.
PsStudentFinancialAid	Information on a person who applies for financial aid to participate in postsecondary education.
PSSStudentProgram	The classification of a program of a postsecondary student.
QuarterlyEmploymentRecord	The CEDS entity that includes person-level employment and earnings information from quarterly employment and earnings-related data from sources such as State UI Wage Records, the Wage Record Interchange System, or the Federal Employment Data Exchange System (FEDES).
RefAbsentAttendanceCategory	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. [CEDS Element: Absent Attendance Category, ID:000599]
RefAcademicAwardLevel	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. [CEDS Element: Academic Award Level Conferred, ID:000002]
RefAcademicHonorType	A designation of the type of academic distinctions earned by or awarded to the student. [CEDS Element: Academic Honors Type, ID:000004]
RefAcademicRank	The academic rank of staff whose primary responsibility is instruction, research, and/or public service. Institutions without standard academic ranks should code staff whose primary responsibility is instruction, research, and/or public service as "No Academic Rank." [CEDS Element: Academic Rank, ID:000740]
RefAcademicSubject	The description of the academic content or subject area (e.g., arts, mathematics, reading, or a foreign language) being evaluated. [CEDS Element: Assessment Academic Subject, ID:000021]
RefAcademicTermDesignator	The academic term for which the data apply. [CEDS Element: Academic Term Designator, ID:000727]

RefAccreditationAgency	The agency that accredited a program. [CEDS Element: Accreditation Agency, ID:000982]
RefActivityRecognitionType	The nature of recognition given to the student for accomplishments in a co-curricular, or extra-curricular activity. [CEDS Element: Recognition for Participation or Performance in an Activity, ID:000229]
RefAdditionalCreditType	The type of additional credits or units of value awarded for the completion of a course. [CEDS Element: Additional Credit Type Awarded, ID:000596]
RefAdministrativeFundingControl	The type of education institution as classified by its funding source. [CEDS Element: Administrative Funding Control, ID:000012]
RefAdmittedStudent	Applicant who has been granted an official offer to enroll in a postsecondary institution. Admitted applicants should include wait-listed students who were subsequently offered admission. [CEDS Element: Admitted Student, ID:000756]
RefAeCertificationType	An indication of the category of certification a person holds. [CEDS Element: Adult Education Certification Type, ID:001085]
RefAeFunctioningLevelAtIntake	An individual's entering skill level, as defined by the National Reporting System for Adult Education and determined by an approved standardized assessment at program intake. [CEDS Element: Adult Educational Functioning Level at Intake, ID:000779]
RefAeFunctioningLevelAtPosttest	An individual's skill level, as defined by the National Reporting System for Adult Education and determined by an approved standardized assessment after a set time period or number of instructional hours. [CEDS Element: Adult Educational Functioning Level at Posttest, ID:000780]
RefAeInstructionalProgramType	The type of instructional program in which an adult is enrolled. [CEDS Element: Adult Education Instructional Program Type, ID:001077]
RefAePostsecondaryTransitionAction	The action taken with respect to postsecondary enrollment by the learner after program exit or when co-enrolled in ABE and postsecondary with respect to enrollment in a postsecondary educational or occupational skills program building on prior services or training received. [CEDS Element: Adult Education Postsecondary Transition Action, ID:000784]
RefAeProgramEnvironment	The environment in which an adult participates in an instructional program. [CEDS Element: Adult Education Program Environment, ID:000782]
RefAeStaffClassification	The titles of employment, official status, or rank of adult education staff. [CEDS Element: Adult Education Staff Classification, ID:000786]
RefAeStaffEmploymentStatus	The condition under which a person has agreed to serve an employer. [CEDS Element: Adult Education Staff Employment Status, ID:001083]

RefAlternateFundUses	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). [CEDS Element: Uses of Funds for Purposes other than Standards and Assessment Development, ID:000459]
RefAlternativeSchoolFocus	An indication of the specific group of students whose needs the alternative school is designed to meet. [CEDS Element: Alternative School Focus Type, ID:000015]
RefAmaoAttainmentStatus	An indication whether the organization met the Annual Measurable Achievement Objectives (AMAO) for attaining English proficiency for limited English proficient (LEP) students under Title III of ESEA. [CEDS Elements: Annual Measurable Achievement Objective AYP Progress Attainment Status for LEP Students (000579), Annual Measurable Achievement Objective Proficiency Attainment Status for LEP Students (000544), Annual Measurable Achievement Objective Progress Attainment Status for LEP Students (000554)]
RefApiInteractionType	The assessment item body interaction type as defined by IMS Global specifications. [CEDS Element: Assessment Item Interaction Type, ID:001158]
RefAssessmentAccommodationType	The specific accommodation necessary for the administration of the assessment. [CEDS Element: Assessment Accommodation Type, ID:000385]
RefAssessmentAssetIdentifierType	The type of identifier that is provided for this asset. [CEDS Element: Assessment Asset Identifier Type, ID:001199]
RefAssessmentAssetType	Specifies a predominant type of assessment asset represented by the Learning Resource. Assessment assets represent any content used to compose an assessment item, is referenced by an item but not part of the item content itself, or is content that is included as part of a section within an assessment form. Assets can be static content such as art work or dynamic assets such as calculators. [CEDS Element: Assessment Asset Type, ID:001196]
RefAssessmentFormSectionIdentificationSystem	A coding scheme that is used for identification of an Assessment Form Section. [CEDS Element: Identification System for Assessment Form Section, ID:001190]
RefAssessmentGradeLevel	The grade or developmental level of a student when registering for an assessment, when taking the assessment, or for which an assessment is design. [CEDS Elements: Grade Level When Assessed (000126), Assessment Registration Grade Level When Assessed (001057)]
RefAssessmentItemCharacteristicType	The type of psychometric measure provided for assessment item. [CEDS Element: Assessment Item Characteristic Type, ID:000392]
RefAssessmentItemResponseStatus	The status of the response for a given item. [CEDS Element: Assessment Item Response Status, ID:000405]
RefAssessmentItemType	The specific type of assessment item. [CEDS Element: Assessment Item Type, ID:000390]
RefAssessmentNeedAlternativeRepresentationType	Defines as part of an Assessment Personal Needs Profile the default presentation mode of the associated Alternative Representations accessibility. [CEDS Element: Assessment Need Alternative Representation Type, ID:001041]

RefAssessmentNeedBrailleGradeType	Defines as part of an Assessment Personal Needs Profile the grade of Braille to use when using a Braille display. [CEDS Element: Assessment Need Braille Grade Type, ID:001032]
RefAssessmentNeedBrailleMarkType	Defines as part of an Assessment Personal Needs Profile what textual properties to mark when using a Braille display. [CEDS Element: Assessment Need Braille Mark Type, ID:001035]
RefAssessmentNeedBrailleStatusCellType	Defines as part of an Assessment Personal Needs Profile the preferred presence or location of a Braille display status cell. [CEDS Element: Assessment Need Braille Status Cell Type, ID:001037]
RefAssessmentNeedHazardType	Defines as part of an Assessment Personal Needs Profile a characteristic of a digital resource that may be specified as being dangerous to a user. [CEDS Element: Assessment Need Hazard Type, ID:001024]
RefAssessmentNeedIncreasedWhitespacingType	Defines the user preferences for white spacing in lines, words and characters as part of an Assessment Personal Needs Profile. [CEDS Element: Assessment Need Increased Whitespacing Type, ID:001054]
RefAssessmentNeedLanguageLearnerType	
RefAssessmentNeedMaskingType	Specifies as part of an Assessment Personal Needs Profile the type of masks the user is able to create to cover portions of the question until needed. [CEDS Element: Assessment Need Masking Type, ID:001046]
RefAssessmentNeedNumberOfBrailleDots	Defines as part of an Assessment Personal Needs Profile the number of dots in a Braille cell. [CEDS Element: Assessment Need Number of Braille Dots Type, ID:001033]
RefAssessmentNeedSigningType	Defines as part of an Assessment Personal Needs Profile the type of signing preferred by the user. [CEDS Element: Assessment Need Signing Type, ID:001040]
RefAssessmentNeedSpokenSourcePreferenceType	Defines as part of an Assessment Personal Needs Profile the preferred spoken audio form. [CEDS Element: Assessment Need Spoken Source Preference Type, ID:001042]
RefAssessmentNeedSupportTool	Defines as part of an Assessment Personal Needs Profile the electronic tool associated with a resource. [CEDS Element: Assessment Need Support Tool Type, ID:001025]
RefAssessmentNeedUsageType	Defines as part of an Assessment Personal Needs Profile the rating for the collection of Access for All (AfA) needs and preferences. [CEDS Element: Assessment Need Usage Type, ID:001026]
RefAssessmentNeedUserSpokenPreferenceType	Used as part of an Assessment Personal Needs Profile to define the type of material that should be rendered using the read aloud alternative content. [CEDS Element: Assessment Need User Spoken Preference Type, ID:001044]
RefAssessmentParticipationIndicator	An indication of whether a student participated in an assessment. [CEDS Element: Assessment Registration Participation Indicator, ID:000025]
RefAssessmentPlatformType	The platform with which the assessment was delivered to the student during the assessment session. [CEDS Element: Assessment Participant Session Platform Type, ID:000386]

RefAssessmentPretestOutcome	The results of a pre-test in academic subjects. [CEDS Element: Assessment Subtest Result Pretest Outcome, ID:000572]
RefAssessmentPurpose	The reason for which an assessment is designed or delivered. [CEDS Element: Assessment Purpose, ID:000026]
RefAssessmentReasonNotCompleting	The primary reason a participant did not complete an assessment. [CEDS Element: Assessment Registration Reason Not Completing, ID:000540]
RefAssessmentReasonNotTested	The primary reason a student is not tested. [CEDS Element: Reason Not Tested, ID:000228]
RefAssessmentReportingMethod	The method used 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.
RefAssessmentSessionSpecialCircumstanceType	An unusual event occurred during the administration of the assessment. This could include fire alarm, student became ill, etc. [CEDS Element: Assessment Session Special Circumstance Type, ID:000389]
RefAssessmentSessionStaffRoleType	The type of role served related to the administration of an assessment session. [CEDS Element: Assessment Session Staff Role Type, ID:001212]
RefAssessmentSessionType	The type of session that is scheduled. [CEDS Element: Assessment Session Type, ID:001018]
RefAssessmentSubtestIdentifierType	The type of identifier that is provided for a Subtest. [CEDS Element: Assessment Subtest Identifier Type, ID:001014]
RefAssessmentType	The category of an assessment based on format and content. [CEDS Element: Assessment Type, ID:000029]
RefAssessmentTypeChildrenWithDisabilities	The types of assessments administered to children with disabilities. [CEDS Element: Assessment Type Administered to Children With Disabilities, ID:000415]
RefAttendanceEventType	The type of attendance event. [CEDS Element: Attendance Event Type, ID:000601]
RefAypStatus	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. [CEDS Element: Adequate Yearly Progress Status, ID:000011]
RefBarrierToEducatingHomeless	Barriers to the enrollment and success of homeless children and youths. [CEDS Element: Barrier to Educating Homeless, ID:000449]
RefBloomsTaxonomyDomain	Classification of the Learning Standard Item using Bloom's Taxonomy Domains. [CEDS Element: Learning Standard Item Blooms Taxonomy Domain, ID:000875]
RefBuildingUseType	How a building is principally used, regardless of its original design. [CEDS Element: Building Use Type, ID:001206]
RefCalendarEventType	The type of scheduled or unscheduled event that causes interruption in direct instruction. [CEDS Element: Calendar Event Type, ID:000603]

RefCampusResidencyType	A person's residency arrangement as defined in the Free Application for Federal Student Aid (FAFSA). [CEDS Element: Campus Residency Type, ID:000035]
RefCarnegieBasicClassification	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. [CEDS Element: Carnegie Basic Classification, ID:000038]
RefCharterSchoolType	The category of charter school. [CEDS Element: Charter School Type, ID:000710]
RefChildDevelopmentAssociateType	Type of Child Development Associate credential as defined by options. [CEDS Element: Child Development Associate Type, ID:000806]
RefCipUse	An indicator of whether the CIP Code is referencing an enrollment program or an award program. [CEDS Element: Classification of Instructional Program Use, ID:000044]
RefCipVersion	The version of CIP being reported. [CEDS Element: Classification of Instructional Program Version, ID:000045]
RefClassroomPositionType	The type of position the staff member holds in the specific class/section. [CEDS Element: Classroom Position Type, ID:000622]
RefClassSectionAssessmentReporting 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. [CEDS Element: Class Section Assessment Reporting Method, ID:000027]
RefClassSectionDeliveryModel	The primary setting or medium of delivery for the course. [CEDS Element: Class Section Instructional Delivery Mode, ID:001161]
RefClassSectionEnrollmentStatusType	The status related to a student enrollment in an instance of a course. [CEDS Element: Class Section Enrollment Status Type, ID:000976]
RefClassSectionEnrollmentType	The status related to a student enrollment in an instance of a course. [CEDS Element: Class Section Enrollment Status Type, ID:000976]
RefClassSectionEntryType	The process by which a student enters a school (Class Section) during a given academic session. [CEDS Element: Class Section Entry Type, ID:000650]
RefClassSectionExitType	The circumstances under which the student exited from membership in a class section. [CEDS Element: Class Section Exit Type, ID:000652]
RefCohortExclusion	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. [CEDS Element: Cohort Exclusion, ID:000106]
RefCommunicationMethod	The types of communication methods with family members. [CEDS Element: Parent Communication Method, ID:000857]
RefContentStandardType	An indication as to whether an assessment conforms to a standard. [CEDS Element: Assessment Content Standard Type, ID:000605]
RefContinuationOfServices	Reason why the student is being served under the continuation of services provision of the MEP. [CEDS Element: Continuation of Services Reason, ID:000429]
RefControlOfInstitution	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). [CEDS Element: Control of Institution, ID:000048]
RefCoreKnowledgeArea	A description of the core knowledge areas addressed by professional development. [CEDS Element: Early Learning Core Knowledge Area, ID:000813]
RefCorrectiveActionType	The types of corrective actions under ESEA as amended. [CEDS Element: Corrective Action Type, ID:000049]
RefCountry	The country in which an address is located. [CEDS Element: Country Code, ID:000050]
RefCounty	List of counties.
RefCourseCreditUnit	The type of credit (unit, semester, or quarter) associated with the credit hours earned for the course. [CEDS Element: Course Credit Units, ID:000057]
RefCourseGpaApplicability	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. [CEDS Element: Course Grade Point Average Applicability, ID:000060]
RefCourseLevelCharacteristic	An indication of the general nature and difficulty of instruction provided throughout a course. [CEDS Element: Course Level Characteristic, ID:000061]
RefCourseRepeatCode	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. [CEDS Element: Course Repeat Code, ID:000065]
RefCredentialType	The category of credential a person holds. [CEDS Element: Credential Type, ID:000071]
RefCreditTypeEarned	The type of credits or units of value awarded for the completion of a course. [CEDS Element: Credit Type Earned, ID:000072]

RefCriticalTeacherShortageCandidate	An indication of whether a person is pursuing licensure/certification in a field designated as a shortage area as defined by Title II. [CEDS Element: Critical Teacher Shortage Area Candidate, ID:000770]
RefCteGraduationRateInclusion	An indication of how CTE concentrators are included in the state's computation of its graduation rate. [CEDS Element: Career and Technical Education Graduation Rate Inclusion, ID:000075]
RefCteNonTraditionalGenderStatus	An indication of whether CTE participants were members of an underrepresented gender group (where one gender comprises less than 25 percent of the persons employed in those occupations or field of work). [CEDS Element: Career Technical Education Nontraditional Gender Status, ID:000588]
RefCurriculumFrameworkType	An indication of the standard curriculum used for this course. [CEDS Element: Curriculum Framework Type, ID:000712]
RefDailyAttendanceStatus	The status of a student's attendance during a given day while school is in session. [CEDS Element: Daily Attendance Status, ID:000076]
RefDegreeOrCertificateType	The type of degree or certificate earned by a person. [CEDS Element: Degree or Certificate Type, ID:000343]
RefDentalInsuranceCoverage	The nature of insurance covering an person's dental care. [CEDS Element: Dental Insurance Coverage, ID:000336]
RefDentalScreeningStatus	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. [CEDS Element: Dental Screening Status, ID:000310]
RefDependencyStatus	A person's classification as dependent or independent with regards to eligibility for Title IV Federal Student aid. [CEDS Element: Dependency Status, ID:000079]
RefDisabilityType	The disability condition that best describes a person's impairment. [CEDS Element: Primary Disability Type, ID:000218]
RefDisciplinaryActionTaken	Identifies the consequences of an incident for the student(s) involved in an incident as perpetrator(s). [CEDS Element: Disciplinary Action Taken, ID:000488]
RefDisciplineLengthDifferenceReason	The reason for the difference, if any, between the official and actual lengths of a student's disciplinary assignment. [CEDS Element: Discipline Action Length Difference Reason, ID:000609]
RefDisciplineMethodFirearms	The method used to discipline students who are not children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents. [CEDS Element: Discipline Method for Firearms Incidents, ID:000555]
RefDisciplineMethodOfCwd	The type of suspension or expulsion used for the discipline of children with disabilities. [CEDS Element: Discipline Method of Children with Disabilities, ID:000538]
RefDisciplineReason	The reason why the student was disciplined. [CEDS Element: Discipline Reason, ID:000545]

RefDistanceEducationCourseEnrollment	An individual's enrollment in a course or courses in which the instructional content is delivered exclusively via distance education. Distance education is education that uses one or more technologies to deliver instruction to students who are separated from the instructor and to support regular and substantive interaction between the students and the instructor synchronously or asynchronously. Technologies used for instruction may include: Internet; one-way and two-way transmissions through open broadcasts, closed circuit, cable, microwave, broadband lines, fiber optics, satellite or wireless communication devices; audio conferencing; and video cassette, DVDs, and CD-ROMs, if the cassette, DVDs, and CD-ROMs are used in a course in conjunction with the technologies listed above. [CEDS Element: Distance Education Course Enrollment, ID:000728]
RefEarlyChildhoodCredential	The credential related to early childhood education or development held by a person. [CEDS Element: Early Childhood Credential, ID:000345]
RefEarlyChildhoodEnrollmentServiceType	The type of programs in which the child is enrolled. [CEDS Element: Early Childhood Enrollment Service Type, ID:000318]
RefEarlyChildhoodProgramTypeOffered	The type(s) of early childhood programs offered. [CEDS Element: Early Childhood Program Type Offered, ID:000829]
RefEducationLevel	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). [CEDS Element: Highest Level of Education Completed, ID:000141]
RefEducationStaffClassification	The titles of employment, official status, or rank of education staff. [CEDS Element: Education Staff Classification, ID:000087]
RefELClassGroupCurriculumType	The type of curriculum used in an early learning classroom or group. [CEDS Element: Early Learning Class Group Curriculum Type, ID:000823]
RefElementaryMiddleAdditional	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). [CEDS Element: Elementary-Middle Additional Indicator Status, ID:000091]
RefELExperience	Type(s) of prior experience (if any) in an early childhood program. [CEDS Element: Prior Early Childhood Experience, ID:000319]
RefELFacilityLicensingStatus	The status of the facility license. [CEDS Element: Facility Licensing Status, ID:000984]
RefELGroupSizeStandardMet	An indication of whether a program meets NAEYC or NAFCC standards for infant group sizes. [CEDS Element: Early Learning Group Size Standards Met, ID:000824]
RefELLevelOfSpecialization	The extent to which a person concentrates upon a particular subject matter area during his or her period of study at an educational institution. [CEDS Element: Level of Specialization in Early Learning, ID:000341]

RefELProgramEligibility	Category under which the person is eligible for an early childhood program or service. [CEDS Element: Early Learning Program Eligibility Category, ID:000304]
RefELProgramLicenseStatus	The current licensing status for an early learning program. [CEDS Element: Early Learning Program Licensing Status, ID:000828]
RefELServiceType	The type of programs in which the child is enrolled. [CEDS Element: Early Childhood Enrollment Service Type, ID:000318]
RefEmailType	The type of electronic mail (e-mail) address listed for a person or organization. [CEDS Element: Electronic Mail Address Type, ID:000089]
RefEmployedAfterExit	An individual who is a paid employee or works in his or her own business, profession, or farm after exiting secondary, postsecondary, or adult education. [CEDS Element: Employed After Exit, ID:000988]
RefEmployedWhileEnrolled	An individual who is a paid employee or works in his or her own business, profession, or farm and at the same time is enrolled in secondary, postsecondary, or adult education. [CEDS Element: Employed While Enrolled, ID:000987]
RefEmploymentContractType	The type of employment contract used by an institution. [CEDS Element: Contract Type, ID:000737]
RefEmploymentSeparationReason	The primary reason for the termination of the employment relationship. [CEDS Element: Employment Separation Reason, ID:000620]
RefEmploymentSeparationType	A designation of the type of separation occurring between a person and the organization. [CEDS Element: Employment Separation Type, ID:000621]
RefEmploymentStatus	The condition under which a person has agreed to serve an employer. [CEDS Element: Employment Status, ID:000347]
RefEndOfTermStatus	The nature of the student's progress at the end of a given school term. [CEDS Element: End of Term Status, ID:000093]
RefEnrollmentStatus	An indication as to whether a student's name was, is, or will be officially registered on the roll of a school or schools. [CEDS Element: Enrollment Status, ID:000094]
RefEntityType	CEDS entities. Used when the relationship of data requires the associated entity to be specified.
RefEntryType	The process by which a student enters a school during a given academic session. [CEDS Element: Entry Type, ID:000099]
RefEnvironmentSetting	The site or setting in which a person receives care, education, and/or services are provided. [CEDS Element: Early Childhood Setting, ID:000356]

RefERSRuralUrbanContinuumCode	Rural-Urban Continuum Codes form a classification scheme that distinguishes metropolitan (metro) counties by the population size of their metro area, and nonmetropolitan (nonmetro) counties by degree of urbanization and adjacency to a metro area or areas. The metro and nonmetro categories have been subdivided into three metro and six nonmetro groupings, resulting in a nine-part county codification. The codes allow researchers working with county data to break such data into finer residential groups beyond a simple metro-nonmetro dichotomy, particularly for the analysis of trends in nonmetro areas that may be related to degree of rurality and metro proximity. [CEDS Element: Economic Research Service Rural-Urban Continuum Code, ID:000862]
RefExitOrWithdrawalStatus	An indication as to whether an instance of student exit/withdrawal is considered to be of a permanent or temporary nature. [CEDS Element: Exit or Withdrawal Status, ID:000108]
RefExitOrWithdrawalType	The circumstances under which the student exited from membership in an educational institution. [CEDS Element: Exit or Withdrawal Type, ID:000110]
RefFamilyIncomeSource	Sources of total family income. [CEDS Element: Source of Family Income, ID:000333]
RefFederalProgramFundingAllocationType	The type of federal program funding allocation or distribution made. [CEDS Element: Federal Programs Funding Allocation Type, ID:000548]
RefFinancialAidApplicationType	The type of financial application completed by an individual. [CEDS Element: Financial Aid Application Type, ID:001223]
RefFinancialAidAwardStatus	An indication of whether the financial aid type being reported is aid that has been awarded, accepted or dispersed. [CEDS Element: Financial Aid Award Status, ID:000363]
RefFinancialAidAwardType	The classification of financial aid awarded to a person for the academic term/year. [CEDS Element: Financial Aid Award Type, ID:000113]
RefFirearmType	The type of firearm. [CEDS Element: Firearm Type, ID:000557]
RefFoodServiceEligibility	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. [CEDS Element: Eligibility Status for School Food Service Programs, ID:000092]
RefFoodServiceParticipation	An indication of a student's participation in free, reduced price, full price breakfast, lunch, snack, supper, and milk programs. [CEDS Element: Participation in School Food Service Programs, ID:000325]
RefFullTimeStatus	An indication of whether an individual is employed for a standard number of hours (as determined by civil or organizational policies) in a week, month, or other period of time. [CEDS Element: Full-time Status, ID:000736]
RefGoalsForAttendingAdultEducation	A person's reasons for attending an adult education class or program. [CEDS Element: Goals for Attending Adult Education, ID:001079]
RefGpaWeightedIndicator	An indication of whether the reported GPA is weighted or unweighted. [CEDS Element: Grade Point Average Weighted Indicator, ID:000123]

RefGradeLevel	Grade levels offered by educational institutions. [CEDS Elements: Assessment Registration Grade Level When Assessed (001057), Entry Grade Level (000100), Exit Grade Level (001210), Grade Level When Assessed (000126), Grade Level When Course Taken (000125)]
RefGradePointAverageDomain	The domain to which the Grade Point Average is referencing. [CEDS Element: Grade Point Average Domain, ID:000758]
RefGraduateAssistantIpedscategory	The Integrated Postsecondary Education Data System (IPEDS) occupational categories used to report graduate assistants. [CEDS Element: Graduate Assistant IPEDS Occupation Category, ID:000743]
RefGunFreeSchoolsActReportingStatus	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. [CEDS Element: Gun Free Schools Act Reporting Status, ID:000134]
RefHealthInsuranceCoverage	The nature of insurance covering a person's hospitalization and other health or medical care. [CEDS Element: Insurance Coverage, ID:000335]
RefHearingScreeningStatus	Status of an examination used to measure a person's ability to perceive sounds. [CEDS Element: Hearing Screening Status, ID:000309]
RefHigherEducationInstitutionAccreditationStatus	An indication of the accreditation status of a higher education institution. [CEDS Element: Higher Education Institution Accreditation Status, ID:000818]
RefHighestEducationLevelCompleted	The highest level of education attained by a person. [CEDS Elements: Father's or Paternal Guardian Education (ID:001230), Mother's or Maternal Guardian Education (ID:001229)]
RefHighSchoolDiplomaDistinctionType	The distinction of the diploma or credential that is awarded to a student in recognition of their completion of the curricular requirements. [CEDS Element: High School Diploma Distinction Type, ID:000713]
RefHighSchoolDiplomaType	The type of diploma/credential that is awarded to a person in recognition of his/her completion of the curricular requirements. [CEDS Element: High School Diploma Type, ID:000138]
RefHighSchoolGraduationRateIndicator	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. [CEDS Element: High School Graduation Rate Indicator Status, ID:000140]
RefHomelessNighttimeResidence	The primary nighttime residence of the students at the time the students are identified as homeless. [CEDS Element: Homeless Primary Nighttime Residence, ID:000146]
RefIDEADisciplineMethodFirearm	The methods used to discipline students who are children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents. [CEDS Element: IDEA Discipline Method for Firearms Incidents, ID:000556]
RefIDEAEducationalEnvironmentEC	The program in which children ages 3 through 5 attend and in which these children receive special education and related services. [CEDS Element: IDEA Educational Environment for Early Childhood, ID:000559]

RefIDEAEducationalEnvironmentSchoolAge	The setting in which children ages 6 through 21, receive special education and related services. [CEDS Element: IDEA Educational Environment for School Age, ID:000535]
RefIDEAEnvironmentEL	The program in which children ages 3 through 5 attend and in which these children receive special education and related services. [CEDS Element: IDEA Educational Environment for Early Childhood, ID:000559]
RefIDEAInterimRemoval	The type of interim removal from current educational setting experienced by children with disabilities (IDEA). [CEDS Element: IDEA Interim Removal, ID:000541]
RefIDEAInterimRemovalReason	The reasons why children with disabilities were unilaterally removed from their current educational placement to an interim alternative educational setting. [CEDS Element: IDEA Interim Removal Reason, ID:000539]
RefImmunizationType	The types of immunizations given to persons.
RefIncidentBehavior	Categories of behavior coded for use in describing an incident. [CEDS Element: Incident Behavior, ID:000509]
RefIncidentBehaviorSecondary	Supplemental information about an incident when the primary offense is more serious in nature than alcohol or drug, etc. offenses. [CEDS Element: Secondary Incident Behavior, ID:000627]
RefIncidentInjuryType	An indication of the occurrence of physical injury to participants involved in the incident and, if so, the level of injury sustained. [CEDS Element: Incident Injury Type, ID:000510]
RefIncidentLocation	Identifies where the incident occurred and whether or not it occurred on campus. [CEDS Element: Incident Location, ID:000617]
RefIncidentReporterType	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"). [CEDS Element: Incident Reporter Type, ID:000506]
RefIncidentTimeDescriptionCode	A code for the description of the time of day that an incident took place. [CEDS Element: Incident Time Description Code, ID:000515]
RefIncomeCalculationMethod	The calculation method used by a program to determine total family income. [CEDS Element: Income Calculation Method, ID:000334]
RefIncreasedLearningTimeType	The types of increased learning time provided. [CEDS Element: Increased Learning Time Type, ID:000164]
RefIndividualizedProgramDateType	An indication of the significance of a date to an individualized program. [CEDS Element: Individualized Program Date Type, ID:001231]
RefIndividualizedProgramLocation	The place in which a child's service plan meeting is held. [CEDS Element: Individualized Program Service Plan Meeting Location, ID:001237]
RefIndividualizedProgramTransitionType	The post-school transition plan for the student recorded on their Individualized Education Program. [CEDS Element: Individualized Program Transition Plan Type, ID:001235]
RefIndividualizedProgramType	A designation of the type of program developed for a student. [CEDS Element: Individualized Program Type,

	ID:000320]
RefInstitutionTelephoneType	The type of communication number listed for an organization. [CEDS Element: Institution Telephone Number Type, ID:000167]
RefInstructionalActivityHours	The unit of measure of student instructional activity. [CEDS Element: Instructional Activity Hours Type, ID:000169]
RefInstructionalStaffContractLength	The contracted teaching period for faculty. [CEDS Element: Instructional Staff Contract Length, ID:000735]
RefInstructionalStaffFacultyTenure	An indicator of the type of faculty status a person has if, by institutional definition, a staff member has faculty status. [CEDS Element: Instructional Staff Faculty Tenure Status, ID:000739]
RefInstructionCreditType	A designation of the type(s) of instruction being delivered by staff whose primary responsibility is instruction. Instruction that is for "credit" can be applied toward the requirements for a postsecondary degree, diploma, certificate or other formal award. [CEDS Element: Instruction Credit Type, ID:000741]
RefInstructionLocationType	The type of location at which instruction or service takes place. [CEDS Element: Receiving Location of Instruction, ID:000524]
RefIntegratedTechnologyStatus	An indication of the extent to which the district has effectively and fully integrated technology, as defined by the state. [CEDS Element: Integrated Technology Status, ID:000170]
RefInternetAccess	The type of internet access available. [CEDS Element: Internet Access, ID:000587]
RefIpedOccupationalCategory	The Integrated Postsecondary Education Data System (IPEDS) occupational categories used to report employees. [CEDS Element: IPEDS Occupational Category, ID:000731]
RefItemResponseTheoryKappaAlgorithm	The algorithm used to derive the Assessment Item Kappa Value [CEDS Element: Assessment Item Response Theory Kappa Algorithm, ID:001266]
RefItemResponseTheoryDifficultyCategory	A category for the difficulty of the item based on the Item Response Theory value. [CEDS Element: Assessment Item Response Theory Parameter Difficulty Category, ID:001253]
RefK12LeaTitleISupportService	The type of support services provided to students in Title I programs. [CEDS Element: Title I Support Services, ID:000289]
RefK12ResponsibilityType	The type of services/instruction the organization is responsible for the student. [CEDS Elements: Responsible School Type (000595), Responsible School Identifier (000638), Responsible District Type (000594), Responsible District Identifier (000637)]
RefLanguage	The specific language or dialect that a person uses to communicate. [CEDS Element: Language Code, ID:000317]
RefLanguageUseType	An indication of the function and context in which a person uses a language to communicate. [CEDS Element: Language Type, ID:000316]

RefLeaFundsTransferType	An indication of the type of transfer for an LEAs that transferred funds from an eligible program to another eligible program. [CEDS Element: Local Education Agency Funds Transfer Type, ID:000451]
RefLeaImprovementStatus	An indication of the improvement stage for AYP of the local education agency (LEA). [CEDS Element: Local Education Agency Improvement Status, ID:000173]
RefLearnerActionType	The type of action taken by the learner. [CEDS Element: Learner Action Type, ID:000934]
RefLearnerActivityMaximumTimeAllowedUnits	The unit of time of the Maximum Time Allowed value. [CEDS Element: Learner Activity Maximum Time Allowed Unit, ID:000945]
RefLearnerActivityType	The type of work assigned to the learner. [CEDS Element: Learner Activity Type, ID:000942]
RefLearningResourceEducationalUse	The purpose of the work in the context of education. [CEDS Element: Learning Resource Educational Use, ID:001002]
RefLearningResourceIntendedEndUserRole	The individual or group for which the resource was produced. [CEDS Element: Learning Resource Intended End User Role, ID:000923]
RefLearningResourceInteractivityType	The predominate mode of learning supported by the learning resource. Acceptable values are active, expositive, or mixed. [CEDS Element: Learning Resource Interactivity Type, ID:000927]
RefLearningResourceMediaType	The type of media which is being described. [CEDS Element: Learning Resource Media Type, ID:000920]
RefLearningResourceType	The predominate type or kind characterizing the learning resource. [CEDS Element: Learning Resource Type, ID:000928]
RefLearningStandardDocumentPublicationStatus	The publication status of the document. [CEDS Element: Learning Standard Document Publication Status, ID:000698]
RefLearningStandardItemAssociationType	Defines the nature of the association between a Learning Standard Item and an associated data object such as a Learning Resource, an Assessment Item, or even another Learning Standard Item. [CEDS Element: Learning Standard Item Association Type, ID:000869]
RefLeaType	The classification of education agencies within the geographic boundaries of a state according to the level of administrative and operational control. [CEDS Element: Local Education Agency Type, ID:000537]
RefLeaveEventType	The type of the leave event. [CEDS Element: Leave Event Type, ID:000624]
RefLevelOfInstitution	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. [CEDS Element: Level of Institution, ID:000178]
RefLicenseExempt	The program or center is legally exempt from licensing. [CEDS Element: License Exempt, ID:000350]
RefLiteracyAssessment	The type of literacy test administered. [CEDS Element: Literacy Assessment Administered Type, ID:000466]

RefMagnetSpecialProgram	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). [CEDS Element: Magnet or Special Program Emphasis School, ID:000181]
RefMedicalAlertIndicator	Medical/health condition alert indicators.
RefMepEnrollmentType	The type of school/migrant education project in which instruction and/or support services are provided. [CEDS Element: Migrant Education Program Enrollment Type, ID:000437]
RefMepProjectBased	Indicates the type of MEP project based on the location where the MEP services are held. [CEDS Element: Migrant Education Program Project Based, ID:000440]
RefMepProjectType	Type of project funded in whole or in part by MEP funds. [CEDS Element: Migrant Education Program Project Type, ID:000463]
RefMepServiceType	The type of services received by participating migrant students in the migrant education program (MEP). [CEDS Element: Migrant Education Program Services Type, ID:000186]
RefMepSessionType	The time of year that a Migrant Education Program operates. [CEDS Element: Migrant Education Program Session Type, ID:000187]
RefMepStaffCategory	Titles of employment, official status, or rank of staff working in the Migrant Education Program (MEP). [CEDS Element: Migrant Education Program Staff Category, ID:000188]
RefMultipleIntelligenceType	Classification of the Learning Standard Item using intelligences defined for Howard Earl Gardner's Theory of Multiple Intelligences. [CEDS Element: Learning Standard Item Multiple Intelligence, ID:000876]
RefNaepAspectsOfReading	Aspects of reading defined by the National Assessment of Educational Progress (NAEP 2005b Framework). [CEDS Element: NAEP Aspects of Reading, ID:001122]
RefNaepMathComplexityLevel	Complexity levels defined by the National Assessment of Educational Progress (NAEP 2005a Framework). [CEDS Element: NAEP Mathematical Complexity Level, ID:001088]
RefNeedDeterminationMethod	The methodology used to determine an individual's financial need. [CEDS Element: Financial Need Determination Methodology, ID:001224]
RefNeglectedProgramType	The type of program under ESEA Title I, Part D, Subpart 1 (state programs) or Subpart 2 (LEA). [CEDS Element: Neglected or Delinquent Program Type, ID:000194]
RefNonPromotionReason	The primary reason as to why a staff member determined that a student should not be promoted (or be demoted). [CEDS Element: Nonpromotion Reason, ID:000531]

RefNonTraditionalGenderStatus	An indication of whether CTE participants were members of an underrepresented gender group (where one gender comprises less than 25 percent of the persons employed in those occupations or field of work). [CEDS Element: Career Technical Education Nontraditional Gender Status, ID:000588]
RefOperationalStatus	Organization operating status values. [CEDS Elements: School Operational Status (000533), Local Education Agency Operational Status (000174)]
RefOrganizationIdentificationSystem	A coding scheme that is used for identification and record-keeping purposes by an organization.
RefOrganizationIndicator	The types of indicators (items with a Yes/No option set) for an organization. [CEDS Elements: Advanced Placement Course Self Selection (000017), Shared Time Indicator (000257), Virtual Indicator (001160), Ability Grouping Status (000328)]
RefOrganizationLocationType	The types of addresses for a organization.
RefOrganizationRelationship	The type of relationship of one organization to another.
RefOrganizationType	The type of educational organizations or entities.
RefOtherNameType	The types of previous, alternate or other names for a person.
RefParaprofessionalQualification	An indication of whether paraprofessionals are classified as qualified for their assignment according to state definition. [CEDS Element: Paraprofessional Qualification Status, ID:000207]
RefParticipationStatusAyp	An indication of whether the school or district met the 95 percent participation requirement in the subject assessment in accordance with state definition for the purposes of determining AYP. [CEDS Elements: Participation Status for Math (000208), Participation Status for Reading and Language Arts (000209)]
RefParticipationType	Identifies the code or additional attribute that further defines the individual's participation in the program. [CEDS Elements: Kindergarten Program Participation Type (000714), GED Preparation Program Participation Status (000120)]
RefPersonallInformationVerification	The evidence by which a person's name, address, date of birth, etc. is confirmed. [CEDS Element: Personal Information Verification, ID:000618]
RefPersonIdentificationSystem	The types of person identifiers.
RefPersonLocationType	The types of addresses for a person.
RefPersonRelationship	The nature of a person's relationship to another person.
RefPersonStatusType	Status types for a person where the possible condition is either Yes (True) or No (False).
RefPersonTelephoneNumberType	Types of telephone numbers for a person.
RefPopulationServed	The population served by the program, class, organization, etc. [CEDS Element: Special Circumstances Population Served, ID:000852]

RefPreAndPostTestIndicator	An indication of whether students took both a pre-test and a post-test to measure academic improvement. [CEDS Element: Pre and Post Test Indicator, ID:000571]
RefPredominantCalendarSystem	The method by which an institution structures most of its courses for the academic year. [CEDS Element: Predominant Calendar System, ID:000729]
RefPreKEligibleAgesNonIDEA	The ages of children not served under IDEA to whom the LEA's pre-kindergarten services are available. [CEDS Element: Pre-kindergarten Eligible Ages for Non-IDEA Students, ID:000217]
RefPrekindergartenEligibility	The groups of students for whom pre-kindergarten programs are available. [CEDS Element: Pre-kindergarten Eligibility, ID:000216]
RefPresentAttendanceCategory	The category that describes how the student spends his or her time when attending an instructional program approved by the state and/or school. [CEDS Element: Present Attendance Category, ID:000600]
RefPriorToSecondarySubject	A classification of related courses or units of courses provided for students of elementary and middle school levels. The two character code is used as the first two digits of the School Codes for Exchanged of Data that uniquely identify any course. [CEDS Element: Prior to Secondary Course Subject Area, ID:001159]
RefProfessionalDevelopmentFinancial Support	The type of financial assistance received in support of non-credit professional development activities. [CEDS Element: Professional Development Financial Support Type, ID:000812]
RefProfessionalEducationJobClassification	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. [CEDS Element: Professional Educational Job Classification, ID:000220]
RefProfessionalTechnicalCredentialType	An indicator of the category of credential conferred by a state occupational licensing entity or industry organization for competency in a specific area measured by a set of pre-established standards. [CEDS Element: Professional or Technical Credential Conferred, ID:000783]
RefProficiencyStatus	An indication of whether a student's scores were proficient. [CEDS Element: Proficiency Status, ID:000573]
RefProficiencyTargetAyp	An indication of whether the school or district met the proficiency target in accordance with state definition for the purposes of determining AYP. [CEDS Elements: Proficiency Target Status for Math (000221), Proficiency Target Status for Reading and Language Arts (000553)]
RefProgramDayLength	The portion of a day that a program is provided to the students it serves. [CEDS Elements: Kindergarten Daily Length (000491), Prekindergarten Daily Length (000490)]
RefProgramExitReason	The documented or assumed reason a student is no longer being served by a special program. [CEDS Element: Exit Reason, ID:000222]
RefProgramGiftedEligibility	State/local code used to determine eligibility for Gifted/Talented program. [CEDS Element: Program Gifted Eligibility

	Criteria, ID:001244]
RefProgramLengthHoursType	The type of hours (credit or contact) by which the normal length of a program of study is measured. [CEDS Element: Program Length Hours Type, ID:000224]
RefProgramSponsorType	An indication of the type of organization or institution responsible for sponsoring a person seeking alternative credentialing from a state agency. [CEDS Element: Program Sponsor Type, ID:000716]
RefProgramType	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. [CEDS Element: Program Type, ID:000225]
RefProgressLevel	The amount of progress shown in academic subjects. [CEDS Element: Progress Level, ID:000561]
RefPromotionReason	The nature of the student's promotion or progress at the end of a given school term. [CEDS Element: Promotion Reason, ID:000530]
RefProofOfResidency	An accepted form of proof of residency in the district/county/other locality. [CEDS Element: Proof of Residency, ID:000305]
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. [CEDS Element: Postsecondary Course Level, ID:000215]
RefPsEnrollmentAction	The action taken with respect to postsecondary enrollment by the student who graduated from the school, LEA or state in the past two years. [CEDS Element: Postsecondary Enrollment Action, ID:000586]
RefPsEnrollmentAwardType	An indicator of the award level in which the person is currently enrolled. [CEDS Element: Enrollment in Postsecondary Award Type, ID:000361]
RefPsEnrollmentStatus	An indication of the student's enrollment status for a particular term as defined by the institution [CEDS Element: Postsecondary Enrollment Status, ID:000096]
RefPsEnrollmentType	An indicator of the enrollment type associated with the enrollment award level of a person at the beginning of a term. [CEDS Element: Postsecondary Enrollment Type, ID:000095]
RefPsLepType	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. [CEDS Element: Limited English Proficiency - Postsecondary, ID:000179]
RefPsStudentLevel	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. [CEDS Element: Student Level, ID:000272]

RefPublicSchoolChoiceStatus	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. [CEDS Element: Public School Choice Implementation Status, ID:000227]
RefPublicSchoolResidence	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. [CEDS Element: Public School Residence Status, ID:000532]
RefQerAdministrativeDataSource	Administrative data source of information used to collect employment and earnings-related data. [CEDS Element: Quarterly Employment Record Administrative Data Source, ID:000994]
RefQrisParticipation	Program site participates in a Quality Rating and Improvement System (QRIS). [CEDS Element: Quality Rating and Improvement System Participation, ID:000357]
RefRace	The name used to describe a group of persons related by common descent or heredity
RefReapAlternativeFundingStatus	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. [CEDS Element: Rural Education Achievement Program Alternative Funding Status, ID:000560]
RefReconstitutedStatus	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). [CEDS Element: Reconstituted Status, ID:000230]
RefRestructuringAction	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). [CEDS Element: Restructuring Action, ID:000232]
RefRlisProgramUse	The type of use of the Rural Low-Income Schools Program (RLIS) (Title VI, Part B, Subpart 2) Grant Funds. [CEDS Element: Type of Use of the Rural Low-Income Schools Program, ID:000486]
RefRoleStatus	The types of status values for a person's role with an organization.
RefSchoolFoodServiceProgram	An indication of a student's participation in free, reduced price, full price breakfast, lunch, snack, supper, and milk programs. [CEDS Element: Participation in School Food Service Programs, ID:000325]
RefSchoolImprovementFunds	An indication of whether the school received funds under Section 1003 of ESEA, as amended. [CEDS Element: School Improvement Funds Status, ID:000238]
RefSchoolImprovementStatus	An indication of the improvement stage of the school. [CEDS Element: School Improvement Status, ID:000240]
RefSchoolLevel	An indication of the level of the education institution. [CEDS Element: School Level, ID:000241]
RefSchoolType	The type of education institution as classified by its primary focus. [CEDS Element: School Type, ID:000242]
RefScoreMetricType	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. [CEDS Element: Assessment Subtest Score Metric Type, ID:000369]
RefSecondaryCourseLevel	The secondary course's level of rigor. [CEDS Element: Secondary Course Level, ID:000247]

RefSecondaryCourseSubjectArea	The intended major subject area of the secondary education course. [CEDS Element: Secondary Course Subject Area, ID:000248]
RefServiceOption	Nature of program, class or group in which a person is enrolled. [CEDS Element: Service Option Variation, ID:000353]
RefServices	A service provided to a person in any of the P-20 and workforce domains.
RefServiceSetting	The setting in which a person receives services. [CEDS Elements: Early Intervention or Special Education Services Setting (ID:000322)]
RefSessionType	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. [CEDS Element: Session Type, ID:000254]
RefSex	The concept describing the biological traits that distinguish the males and females of a species. [CEDS Element: Sex, ID:000255]
RefSigInterventionType	The type of intervention used by the school under the School Improvement Grant (SIG). [CEDS Element: School Improvement Grant Intervention Type, ID:000239]
RefSingleSexClassStatus	Class in a co-educational school where only male or only female students are permitted to take the class. [CEDS Element: Class Section Single Sex Class Status, ID:000258]
RefSpaceUseType	The primary use of a space, as determined by its physical layout and built-in systems and equipment, regardless of its original design. [CEDS Element: Facility Space Use Type, ID:001208]
RefSpecialEducationAgeGroupTaught	The age range of special education students taught. [CEDS Element: Special Education Age Group Taught, ID:000564]
RefSpecialEducationExitReason	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. [CEDS Element: Special Education Exit Reason, ID:000260]
RefSpecialEducationStaffCategory	Titles of personnel employed and contracted to provide related services for children with disabilities. [CEDS Element: Special Education Staff Category, ID:000558]
RefStaffPerformanceLevel	The levels used in district evaluation systems for assigning teacher or principal performance ratings. [CEDS Element: Faculty and Administration Performance Level, ID:000589]
RefStandardizedAdmissionTest	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. [CEDS Element: Standardized Admission Test Type, ID:000266]
RefState	A state or outlying region where an address is located.
RefStateANSICode	The American National Standards Institute (ANSI) two-digit code for the state. [CEDS Element: State ANSI Code, ID:000424]

RefStatePovertyDesignation	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. [CEDS Element: State Poverty Designation, ID:000585]
RefStudentSupportServiceType	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. [CEDS Element: Student Support Service Type, ID:000273]
RefSupervisedClinicalExperience	An indication of whether a person is enrolled in a supervised clinical experience (including student teaching) as part of a teacher preparation program. [CEDS Element: Supervised Clinical Experience, ID:000771]
RefTeacherEducationCredentialExam	The type of examination used to assess teacher candidate's knowledge and skills. [CEDS Element: Teacher Education Credential Exam Type, ID:000773]
RefTeacherEducationExamScoreType	An indication of the type of credential exam associated with a given exam score. [CEDS Element: Teacher Education Credential Exam Score Type, ID:000774]
RefTeacherEducationTestCompany	The name of the company that provides the examination used in the teacher education program. [CEDS Element: Teacher Education Test Company, ID:000766]
RefTeacherPrepCompleterStatus	An indication of whether a person completed a state-approved teacher preparation program. The fact that a person has or has not been recommended to the state for initial certification or licensure may not be used as a criterion for determining who is a program completer. [CEDS Element: Teacher Preparation Program Completer Status, ID:000768]
RefTeacherPrepEnrollmentStatus	An indication of whether a person is pursuing certification as a teacher. [CEDS Element: Teacher Preparation Program Enrollment Status, ID:000767]
RefTeachingAssignmentRole	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.) [CEDS Element: Teaching Assignment Role, ID:000648]
RefTeachingCredentialBasis	An indication of the pre-determined criteria for granting the teaching credential that a person holds. [CEDS Element: Teaching Credential Basis, ID:000277]
RefTeachingCredentialType	An indication of the category of a legal document giving authorization to perform teaching assignment services. [CEDS Element: Teaching Credential Type, ID:000278]
RefTechnologyLiteracyStatus	An indication of the technology literacy of 8th graders. [CEDS Element: Technology Literacy Status in 8th Grade,

	ID:000566]
RefTelephoneNumberType	The type of communication number listed for a person. [CEDS Element: Telephone Number Type, ID:000280]
RefTenureSystem	An indicator of whether an institution has personnel positions that lead to consideration for tenure. [CEDS Element: Tenure System, ID:000738]
RefTextComplexitySystem	The scaling system used to specify the text complexity of an assessment item. [CEDS Element: Assessment Item Text Complexity System, ID:000907]
RefTimeForCompletionUnits	The unit of measurement for length of time for completion. [CEDS Element: Normal Length of Time for Completion Units, ID:000198]
RefTitleIIIAccountability	An indication of the progress made by a student toward English proficiency. [CEDS Element: Title III Accountability Progress Status, ID:000536]
RefTitleIIILanguageInstructionProgramType	The type of Title III language instructional programs. [CEDS Element: Title III Language Instruction Program Type, ID:000447]
RefTitleIIIProfessionalDevelopmentType	The type of Title III professional development utilized. [CEDS Element: Title III Professional Development Type, ID:000487]
RefTitleIIndicator	An indication that the student is participating in and served by programs under Title I, Part A of ESEA as amended. [CEDS Element: Title I Indicator, ID:000281]
RefTitleIInstructionalServices	The type of instructional services provided to students in ESEA Title I programs. [CEDS Element: Title I Instructional Services, ID:000282]
RefTitleIProgramStaffCategory	Titles of employment, official status, or rank for staff working in a Title I program. [CEDS Element: Title I Program Staff Category, ID:000283]
RefTitleIProgramType	The type of Title I program offered in the school or district. [CEDS Element: Title I Program Type, ID:000284]
RefTitleISchoolStatus	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. [CEDS Element: Title I School Status, ID:000285]
RefTransferReady	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. [CEDS Element: Transfer-ready, ID:000296]
RefTuitionResidencyType	A person's residency status for tuition purposes. [CEDS Element: Tuition Residency Type, ID:000297]
RefTuitionUnit	The component for which tuition is being charged. It might be a time period (term, quarter, year, etc.) or it might be an entity of education (course, credit hour, etc.). [CEDS Element: Tuition Unit, ID:000746]
RefUSCitizenshipStatus	An indicator of whether or not the person is a US citizen. [CEDS Element: United States Citizenship Status, ID:000299]
RefVisaType	The types of Visas for a non-US citizen. [CEDS Element: Visa Type, ID:000196]

RefVisionScreeningStatus	Status of an examination used to measure a person's ability to see. [CEDS Element: Vision Screening Status, ID:000308]
RefWageCollectionMethod	Method used for the collection of wage data for an employment record. [CEDS Element: Wage Collection Code, ID:000798]
RefWageVerification	An indication of whether the wage information has been verified. [CEDS Element: Wage Verification Code, ID:000819]
RefWeaponType	Identifies the type of weapon used during an incident. [CEDS Element: Weapon Type, ID:001211]
RefWfProgramParticipationAfterExit	The type of workforce and employment development program that an individual is participating in after exiting an education program. [CEDS Element: Workforce Program Participation After Exit, ID:000997]
RefWfProgramParticipationWhileEnrolled	The type of workforce and employment development program that an individual is participating in while enrolled in an education program. [CEDS Element: Workforce Program Participation While Enrolled in an Education Program, ID:000996]
RequiredImmunization	Immunizations required by an organization or governing body.
Role	The list of roles for a person.
RoleAttendance	Aggregated attendance counts.
RoleAttendanceEvent	The attributes of a person's attendance during a given day.
RoleStatus	Identifies changes to the status of a role.
ServicesReceived	A service provided to a person in any of the P-20, adult education and workforce domains.
StaffCredential	A credential held by a staff member.
StaffEmployment	Information on employment of a person by an organization.
StaffEvaluation	Evaluation of a staff member's performance.
StaffExperience	Number of years of experience for a staff member.
TeacherEducationCredentialExam	The exam and score of a person on a teaching credential exam.
TeacherStudentDataLinkExclusion	List of exclusions to the teacher-student data link to support state and locally defined policies, includes relationship to a teacher-class-section assignment and a student class-section enrollment.
WorkforceEmploymentQuarterlyData	Employment attributes reported for workforce quarterly data.
WorkforceProgramParticipation	Information on a person's participation in a workforce program.

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	Column	Data Type	Null able	Description
Achievement	AchievementId	int	No	Surrogate Key
Achievement	PersonId	int	No	Foreign key - Person
Achievement	Title	nvarchar(300)	Yes	The title assigned to the achievement. [CEDS Element: Achievement Title, ID:000893]
Achievement	Description	nvarchar(300)	Yes	A description of the achievement. [CEDS Element: Achievement Description, ID:000895]
Achievement	Category	nvarchar(60)	Yes	The category of achievement attributed to the learner. [CEDS Element: Achievement Category Type, ID:000892]
Achievement	CategorySystem	nvarchar(50)	Yes	The system that defines the categories by which an achievement is attributed to the learner. [CEDS Element: Achievement Category System, ID:001245]
Achievement	ImageUrl	nvarchar(300)	Yes	The Uniform Resource Locator (URL) for the unique address of an image representing an award or badge associated with the achievement. [CEDS Element: Achievement Image URL, ID:000894]
Achievement	Criteria	nvarchar(300)	Yes	The criteria for competency-based completion of the achievement/award. [CEDS Element: Achievement Criteria, ID:000896]
Achievement	CriteriaUrl	nvarchar(300)	Yes	The Uniform Resource Locator (URL) for the unique address of a web page describing the competency-based completion criteria for the achievement/award. [CEDS Element: Achievement Criteria URL, ID:001153]
Achievement	CompetencySetId	int	Yes	Foreign key - CompetencySet
Achievement	StartDate	date	Yes	The date on which the achievement was conferred. [CEDS Element: Achievement Start Date, ID:001163]
Achievement	EndDate	date	Yes	The date, if any, on which the award or achievement expires or requires renewal. [CEDS Element: Achievement End Date, ID:001164]
Achievement	RecognitionDate	nvarchar(10)	Yes	The year, month and day or year and month on which the achievement was recognized. [CEDS Element: Achievement Date, ID:000897]
Achievement	AwardIssuerName	nvarchar(128)	Yes	The name of the agent issuing the award. [CEDS Element: Achievement Award Issuer Name, ID:000898]
Achievement	AwardIssuerOriginURL	nvarchar(300)	Yes	The internet <protocol>://<host>:<port> from which the award was issued. [CEDS Element: Achievement Award Issuer Origin URL, ID:000900]
Achievement	AwardExpiresDate	date	Yes	Date on which the award expires. [CEDS Element: Achievement Award Expires Date,

				ID:000899]
AchievementEvidence	AchievementEvidenceId	int	No	Surrogate Key
AchievementEvidence	AchievementId	int	Yes	Foreign key - Achievement
AchievementEvidence	Statement	nvarchar(300)	Yes	A statement or reference describing the evidence that the learner met the criteria for attainment of the achievement. [CEDs Element: Achievement Evidence Statement, ID:000901]
AchievementEvidence	AssessmentSubtestResultId	int	Yes	Foreign key - AssessmentSubtestResult
ActivityRecognition	ActivityRecognitionId	int	No	Surrogate Key
ActivityRecognition	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole.
ActivityRecognition	RefActivityRecognitionTypeId	int	No	The nature of recognition given to the student for accomplishments in a co-curricular, or extra-curricular activity. [CEDs Element: Recognition for Participation or Performance in an Activity, ID:000229]
AeProvider	OrganizationId	int	No	Inherited surrogate key from Organization.
AeProvider	RefLevelOfInstitutionId	int	No	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. [CEDs Element: Level of Institution, ID:000178] (Foreign key - RefLevelOfInstitution)
AeStaff	OrganizationPersonRoleId	int	No	Inherited surrogate key from OrganizationPersonRole.
AeStaff	RefAeStaffClassificationId	int	Yes	The titles of employment, official status, or rank of adult education staff. [CEDs Element: Adult Education Staff Classification, ID:000786] (Foreign key - RefAeStaffClassification)
AeStaff	RefAeStaffEmploymentStatusId	int	Yes	The condition under which a person has agreed to serve an employer. [CEDs Element: Adult Education Staff Employment Status, ID:001083] (Foreign key - RefAeStaffEmploymentStatus)
AeStaff	YearsOfPriorAeTeachingExperience	decimal(4,2)	Yes	The total number of years that a person has previously held a teaching position in one or more adult education programs. [CEDs Element: Years of Prior Adult Education Teaching Experience, ID:000788]
AeStaff	RefAeCertificationTypeId	int	Yes	An indication of the category of certification a person holds. [CEDs Element: Adult Education Certification Type, ID:001085] (Foreign key - RefAeCertificationType)
AeStudentAcademicRecord	OrganizationPersonRoleId	int	No	Inherited surrogate Key from OrganizationPersonRole.
AeStudentAcademicRecord	RefHighSchoolDiplomaTypeId	int	Yes	The type of diploma/credential that is awarded to a person in recognition of his/her completion of the curricular requirements. [CEDs Element: High School Diploma Type, ID:000138] (Foreign key - RefHighSchoolDiplomaType)

AeStudentAcademicRecord	DiplomaOrCredentialAwardDate	nchar(7)	Yes	The month and year on which the diploma/credential is awarded to a student in recognition of his/her completion of the curricular requirements. [CEDS Element: Diploma or Credential Award Date, ID:000081]
AeStudentAcademicRecord	RefProfessionalTechnicalCredentialTypeId	int	Yes	An indicator of the category of credential conferred by a state occupational licensing entity or industry organization for competency in a specific area measured by a set of pre-established standards. [CEDS Element: Professional or Technical Credential Conferred, ID:000783] (Foreign key - RefProfessionalTechnicalCredentialType)
AeStudentEmployment	OrganizationPersonRoleId	int	No	Surrogate Key - Foreign key: OrganizationPersonRole
AeStudentEmployment	RefEmployedWhileEnrolledId	int	Yes	An individual who is a paid employee or works in his or her own business, profession, or farm and at the same time is enrolled in secondary, postsecondary, or adult education. [CEDS Element: Employed While Enrolled, ID:000987] (Foreign key - RefEmployedWhileEnrolled)
AeStudentEmployment	RefEmployedAfterExitId	int	Yes	An individual who is a paid employee or works in his or her own business, profession, or farm after exiting secondary, postsecondary, or adult education. [CEDS Element: Employed After Exit, ID:000988] (Foreign key - RefEmployedAfterExit)
AeStudentEmployment	EmploymentNaicsCode	nchar(6)	Yes	The North American Industry Classification System (NAICS) code associated with an individual's employment. [CEDS Element: Employment NAICS Code, ID:001064]
ApiInteraction	ApiInteractionId	int	No	Surrogate Key
ApiInteraction	AssessmentItemId	int	No	Foreign key - AssessmentItem
ApiInteraction	RefApiInteractionTypeId	int	Yes	The assessment item body interaction type as defined by IMS Global specifications. [CEDS Element: Assessment Item Interaction Type, ID:001158] (Foreign key - RefApiInteractionType)
ApiInteraction	Xml	text	Yes	The custom (001102) or associate (001123) interaction provides an opportunity for extensibility of this specification to include support for interactions not currently documented. The XML from the IMS Global APIP Specification would be included. [CEDS Element: Assessment Item Body Custom Interaction XML, ID:001102]
ApiInteraction	SequenceNumber	int	Yes	NULL
Application	ApplicationId	int	No	Surrogate Key
Application	Name	nvarchar(120)	No	The name of a data system or application which an authenticated person may access. [CEDS Element: Authorization Application Name, ID:001173]

Application	Uri	nvarchar(300)	Yes	The Uniform Resource Identifier (URI) of a data system or application which an authenticated person may access. [CEDs Element: Authorization Application URI, ID:001174]
Assessment	AssessmentId	int	No	PK
Assessment	Identifier	nvarchar(30)	Yes	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. [CEDs Element: Assessment Identifier, ID:001067]
Assessment	IdentificationSystem	int	No	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an assessment. [CEDs Element: Assessment Identification System, ID:000365]
Assessment	GUID	nvarchar(36)	Yes	The globally unique identifier of an Assessment using a RFC 4122 compliant 32-character hexadecimal string, such as 21EC2020-3AEA-1069-A2DD-08002B30309D. [CEDs Element: Assessment GUID, ID:000981]
Assessment	Title	nvarchar(60)	Yes	The title or name of the assessment. [CEDs Element: Assessment Title, ID:000028]
Assessment	ShortName	nvarchar(30)	Yes	An abbreviated title for an assessment. [CEDs Element: Assessment Short Name, ID:000931]
Assessment	RefAcademicSubjectId	int	No	The description of the academic content or subject area (e.g., arts, mathematics, reading, or a foreign language) being evaluated. [CEDs Element: Assessment Academic Subject, ID:000021] (Foreign key - RefAcademicSubject)
Assessment	Objective	nvarchar(100)	Yes	This is the objective that the assessment is measuring. [CEDs Element: Assessment Objective, ID:000382]
Assessment	AssessmentFamilyId	int	Yes	Foreign key - AssesmentFamily
Assessment	Provider	nvarchar(30)	Yes	Identifies the provider or publisher of the assessment. [CEDs Element: Assessment Provider, ID:001006]
Assessment	RefAssessmentPurposeId	int	Yes	The reason for which an assessment is designed or delivered. [CEDs Element: Assessment Purpose, ID:000026] (Foreign key - RefAssessmentPurpose)
Assessment	RefAssessmentTypeId	int	Yes	The category of an assessment based on format and content. [CEDs Element: Assessment Type, ID:000029] (Foreign key - RefAssessmentType)
Assessment	RefAssessmentTypeChildrenWithDisabilitiesId	int	Yes	The types of assessments administered to children with disabilities. [CEDs Element: Assessment Type Administered to Children With Disabilities, ID:000415] (Foreign key - RefAssessmentTypeChildrenWithDisabilities)

Assessment_AssessmentAdministration	Assessment_AssessmentAdministrationId	int	No	Surrogate Key
Assessment_AssessmentAdministration	AssessmentId	int	No	Foreign key - Assessment
Assessment_AssessmentAdministration	AssessmentAdministrationId	int	No	Foreign key - Assessment Administration
AssessmentAdministration	AssessmentAdministrationId	int	No	Surrogate Key
AssessmentAdministration	AssessmentId	int	Yes	Foreign key - Assessment
AssessmentAdministration	Name	nvarchar(30)	Yes	The name given to an assessment event. [CEDS Element: Assessment Administration Name, ID:000977]
AssessmentAdministration	Code	nvarchar(30)	Yes	The code given to the assessment event by a state or other authority directing overall administration. [CEDS Element: Assessment Administration Code, ID:000961]
AssessmentAdministration	StartDate	date	Yes	The start date of the time period designated for the assessment administration. [CEDS Element: Assessment Administration Start Date, ID:000962]
AssessmentAdministration	StartTime	time	Yes	The start time of the time period designated for the assessment administration. [CEDS Element: Assessment Administration Start Time, ID:000963]
AssessmentAdministration	FinishDate	date	Yes	The finish date of the time period designated for the assessment administration. [CEDS Element: Assessment Administration Finish Date, ID:000964]
AssessmentAdministration	FinishTime	time	Yes	The finish time of the time period designated for the assessment administration. [CEDS Element: Assessment Administration Finish Time, ID:000965]
AssessmentAdministration	RefAssessmentReportingMethodId	int	Yes	Foreign key - RefAssessmentReportingMethod
AssessmentAdministration	AssessmentSecureIndicator	bit	Yes	Indicates whether or not the assessment is a secure assessment. [CEDS Element: Assessment Secure Indicator, ID:000384]
AssessmentAdministration_Organization	AssessmentAdministration_OrganizationId	int	No	Surrogate Key
AssessmentAdministration_Organization	AssessmentAdministrationId	int	No	Foreign key - AssessmentAdministration

AssessmentAdministration_Organization	OrganizationId	int	No	Foreign key - Organization
AssessmentAsset	AssessmentAssetId	int	No	Surrogate Key
AssessmentAsset	Version	nvarchar(30)	Yes	A version number or label defined by the publisher. [CEDS Element: Assessment Asset Version, ID:001195]
AssessmentAsset	PublishedDate	date	Yes	The date that this version of the asset was made available for use. [CEDS Element: Assessment Asset Published Date, ID:001197]
AssessmentAsset	Identifier	nvarchar(30)	Yes	A unique code identifying the Assessment Asset provided by the authoring system. [CEDS Element: Assessment Asset Identifier, ID:001198]
AssessmentAsset	RefAssesmentAssestIdentifierType	int	Yes	The type of identifier that is provided for this asset. [CEDS Element: Assessment Asset Identifier Type, ID:001199] (Foreign key - RefAssessmentAssetIdentifierType)
AssessmentAsset	Name	nvarchar(60)	Yes	The name of the Assessment Asset. [CEDS Element: Assessment Asset Name, ID:001200]
AssessmentAsset	RefAssessmentAssetTypeId	int	Yes	Specifies a predominant type of assessment asset represented by the Learning Resource. Assessment assets represent any content used to compose an assessment item, is referenced by an item but not part of the item content itself, or is content that is included as part of a section within an assessment form. Assets can be static content such as art work or dynamic assets such as calculators. [CEDS Element: Assessment Asset Type, ID:001196] (Foreign key - RefAssessmentAssetType)
AssessmentAsset	Owner	nvarchar(60)	Yes	The name of the ownership rights holder or publisher of the asset. [CEDS Element: Assessment Asset Owner, ID:001201]
AssessmentAsset	ReAssessmentfLanguageId	int	Yes	Surrogate key from RefLanguage. The language in which the assessment form is designed to be delivered. [CEDS Element: Assessment Language, ID:001089] (Foreign key - RefLanguage)
AssessmentAsset	ContentXML	nvarchar(max)	Yes	XML encoded in UTF-8 representing the content of the Assessment Asset. [CEDS Element: Assessment Asset Content XML, ID:001202]
AssessmentAsset	ContentMimeType	nvarchar(max)	Yes	MIME type to specifically indicate the Assessment Asset content type. [CEDS Element: Assessment Asset Content Mime Type, ID:001203]
AssessmentAsset	ContentUrl	nvarchar(300)	Yes	The Uniform Resource Locator (URL) location of the external Assessment Asset content. [CEDS Element: Assessment Asset Content URL, ID:001204]
AssessmentAsset	LearningResourceId	int	Yes	Foreign key - LearningResource.
AssessmentFamily	AssessmentFamilyId	int	No	Surrogate Key

AssessmentFamily	AssessmentFamilyTitle	nvarchar(60)	No	The full title of the Assessment Family. An Assessment Family is a set of assessments with a common name, jurisdiction, or focus, such as Graduate Record Exam or National Assessment of Educational Progress. [CEDS Element: Assessment Family Title, ID:000932]
AssessmentFamily	ShortName	nvarchar(30)	Yes	The abbreviated title of the Assessment Family. An Assessment Family is a set of assessments with a common name, jurisdiction, or focus. [CEDS Element: Assessment Family Short Name, ID:000933]
AssessmentForm	AssessmentFormId	int	No	Surrogate Key
AssessmentForm	AssessmentId	int	No	Foreign key - Assessment
AssessmentForm	FormNumber	nvarchar(30)	Yes	The number of a given assessment form. [CEDS Element: Assessment Form Number, ID:000366]
AssessmentForm	Name	nvarchar(40)	Yes	The name of a given assessment form. [CEDS Element: Assessment Form Name, ID:000024]
AssessmentForm	Version	nvarchar(30)	Yes	The version number of the Assessment Form. [CEDS Element: Assessment Form Version, ID:001183]
AssessmentForm	PublishedDate	date	Yes	The published date of an educational resource, such as instructional media, an assessment form, or section of an assessment form. [CEDS Element: Learning Resource Published Date, ID:001184]
AssessmentForm	AccommodationList	nvarchar(max)	Yes	The human readable list of one or more of the specific accommodations available. If no accommodations are provided, then this list will not be present. [CEDS Element: Assessment Form Accommodation List, ID:001185]
AssessmentForm	IntendedAdministrationStartDate	date	Yes	The beginning date of the time period in which the form is intended to be administered. [CEDS Element: Intended Administration Start Date, ID:001186]
AssessmentForm	IntendedAdministrationEndDate	date	Yes	The ending date of the time period in which the form is intended to be administered. [CEDS Element: Intended Administration End Date, ID:001187]
AssessmentForm	AssessmentItemBankIdentifier	nvarchar(30)	Yes	If the assessment is provided with an item bank, then this identifies the item bank: a unique code or number used by the item banking system. [CEDS Element: Assessment Item Bank Identifier, ID:001181]
AssessmentForm	AssessmentItemBankName	nvarchar(60)	Yes	If the assessment is provided with an item bank, then this is the name of the item bank. [CEDS Element: Assessment Item Bank Name, ID:001182]
AssessmentForm	PlatformsSupported	nvarchar(max)	Yes	A human readable list of delivery platforms the form will support. [CEDS Element: Assessment Form Platforms Supported, ID:001188]
AssessmentForm	RefAssessmentLanguageId	int	Yes	The language in which the assessment form is designed to be delivered. [CEDS Element: Assessment Language, ID:001089] (Foreign key - RefLanguage)

AssessmentForm	AssessmentSecureIndicator	bit	Yes	Indicates whether or not the assessment is a secure assessment. [CEDS Element: Assessment Secure Indicator, ID:000384]
AssessmentForm	LearningResourceId	int	Yes	Foreign key - LearningResource
AssessmentForm_AssessmentAsset	AssessmentForm_AssessmentAssetId	int	No	Surrogate Key
AssessmentForm_AssessmentAsset	AssessmentFormId	int	No	Foreign key - AssessmentForm
AssessmentForm_AssessmentAsset	AssessmentAssetId	int	No	Foreign key - AssessmentAsset
AssessmentForm_AssessmentFormSection	AssessmentForm_AssessmentFormSectionId	int	No	Surrogate Key
AssessmentForm_AssessmentFormSection	AssessmentFormId	int	No	Foreign key - AssessmentForm.
AssessmentForm_AssessmentFormSection	AssessmentFormSectionId	int	No	Foreign key - AssessmentFormSection
AssessmentForm_AssessmentFormSection	SequenceNumber	int	Yes	The position of the assessment section presented in the sequence of sections within an assessment form. [CEDS Element: Assessment Form Section Sequence Number, ID:000979]
AssessmentFormSection	AssessmentFormSectionId	int	No	Surrogate Key
AssessmentFormSection	Identifier	nvarchar(30)	Yes	A unique number or alphanumeric code assigned to the Assessment Form Section using the system specified by Identification System for Assessment Form Section. [CEDS Element: Assessment Form Section Identifier, ID:001191]
AssessmentFormSection	RefAssessmentFormSectionIdentificationSystemId	int	Yes	A coding scheme that is used for identification of an Assessment Form Section. [CEDS Element: Identification System for Assessment Form Section, ID:001190] (Foreign key - RefAssessmentFormSectionIdentificationSystem)
AssessmentFormSection	PublishedDate	date	Yes	The published date of an educational resource, such as instructional media, an assessment form, or section of an assessment form. [CEDS Element: Learning Resource Published Date, ID:001184]
AssessmentFormSection	Version	nvarchar(30)	Yes	The version number of the Assessment Form Section. [CEDS Element: Assessment Form Section Version, ID:001189]

AssessmentFormSection	SectionTimeLimit	time	Yes	If this section is timed, then this will identify the maximum amount of time the test taker can spend within this section. [CEDS Element: Assessment Form Section Time Limit, ID:001192]
AssessmentFormSection	SectionSealed	bit	Yes	Indicates this section is sealed, meaning the test taker cannot enter the section until authorized by the proctor. [CEDS Element: Assessment Form Section Sealed, ID:001193]
AssessmentFormSection	SectionReentry	bit	Yes	Indicates that this section can be re-entered, meaning the test taker can return to this section after they have left the section. A common example of this is a two section test where one section does not allow the use of a calculator and the other does. Typically the test taker cannot return to the non-calculator section after they have used a calculator. [CEDS Element: Assessment Form Section Reentry, ID:001194]
AssessmentFormSection	AssessmentItemBankIdentifier	nvarchar(30)	Yes	If the assessment is provided with an item bank, then this identifies the item bank: a unique code or number used by the item banking system. [CEDS Element: Assessment Item Bank Identifier, ID:001181]
AssessmentFormSection	AssessmentItemBankName	nvarchar(60)	Yes	If the assessment is provided with an item bank, then this is the name of the item bank. [CEDS Element: Assessment Item Bank Name, ID:001182]
AssessmentFormSection	ChildOf_FormSectionId	int	Yes	Foreign key - AssessmentFormSection (this table)
AssessmentFormSection	LearningResourceId	int	Yes	Foreign key - LearningResource
AssessmentFormSection	GUID	nvarchar(36)	Yes	The globally unique identifier of an Assessment Form Section using a RFC 4122 compliant 32-character hexadecimal string, such as 21EC2020-3AEA-1069-A2DD-08002B30309D. [CEDS Element: Assessment Form Section GUID, ID:000980]
AssessmentFormSection_AssessmentAsset	AssessmentFormSection_AssessmentAssetId	int	No	Surrogate Key
AssessmentFormSection_AssessmentAsset	AssessmentFormSectionId	int	No	Foreign key - AssessmentFormSection
AssessmentFormSection_AssessmentAsset	AssessmentAssetId	int	No	Foreign key - AssessmentAsset
AssessmentFormSection_AssessmentItem	AssessmentFormSectionItemId	int	No	Surrogate Key
AssessmentFormSection_AssessmentItem	SequenceNumber	int	No	The position of the assessment section presented in the sequence of sections within an assessment form. [CEDS Element: Assessment Form Section Sequence Number,

ID:000979]				
AssessmentFormSection_AssessmentItem	AssessmentFormSectionId	int	No	Foreign key - AssessmentFormSection
AssessmentFormSection_AssessmentItem	AssessmentItemId	int	No	Foreign key - AssessmentItem
AssessmentItem	AssessmentItemId	int	No	Surrogate Key
AssessmentItem	Identifier	nvarchar(30)	Yes	The identifier that uniquely identifies an assessment item. [CEDS Element: Assessment Item Identifier, ID:000630]
AssessmentItem	AssessmentItemBankIdentifier	nvarchar(30)	Yes	If the assessment is provided with an item bank, then this identifies the item bank: a unique code or number used by the item banking system. [CEDS Element: Assessment Item Bank Identifier, ID:001181]
AssessmentItem	AssessmentItemBankName	nvarchar(60)	Yes	If the assessment is provided with an item bank, then this is the name of the item bank. [CEDS Element: Assessment Item Bank Name, ID:001182]
AssessmentItem	RefAssessmentItemTypeId	int	Yes	The specific type of assessment item. [CEDS Element: Assessment Item Type, ID:000390]
AssessmentItem	BodyText	nvarchar(max)	Yes	The complete text of an assessment item including all applicable parts such as stimulus, stem, and possible response options presented. [CEDS Element: Assessment Item Body Text, ID:001267]
AssessmentItem	Stimulus	nvarchar(max)	Yes	The text, source (e.g., video clip), and/or graphic about which the assessment item is written. The stimulus provides the context of the item/task to which the student must respond. [CEDS Element: Assessment Item Stimulus, ID:001268]
AssessmentItem	Stem	nvarchar(max)	Yes	The statement of the question or prompt for an Assessment Item to which the student responds. [CEDS Element: Assessment Item Stem, ID:000400]
AssessmentItem	AdaptiveIndicator	bit	Yes	This indicator determines whether an assessment item is an adaptive item. [CEDS Element: Assessment Item Adaptive Indicator, ID:001139]
AssessmentItem	MaximumScore	nvarchar(300)	Yes	The maximum number of points possible for the assessment item. [CEDS Element: Assessment Item Maximum Score, ID:000707]
AssessmentItem	MinimumScore	nvarchar(300)	Yes	The minimum number of points possible for the assessment item. [CEDS Element: Assessment Item Minimum Score, ID:000708]

AssessmentItem	DistractorAnalysis	nvarchar(100)	Yes	The analysis of the distractors provided for a specific assessment. [CEDs Element: Assessment Item Distractor Analysis, ID:000398]
AssessmentItem	AllottedTime	time	No	The amount of time allotted for a specific item. [CEDs Element: Assessment Item Allotted Time, ID:000403]
AssessmentItem	RefNaepMathComplexityLevelId	int	No	Complexity levels defined by the National Assessment of Educational Progress (NAEP 2005a Framework). [CEDs Element NAEP Mathematical Complexity Level, ID:001088]
AssessmentItem	RefNaepAspectsOfReadingId	int	Yes	Aspects of reading defined by the National Assessment of Educational Progress (NAEP 2005b Framework). [CEDs Element: NAEP Aspects of Reading, ID:001122]
AssessmentItem	Difficulty	decimal(5,2)	Yes	The percentage of students who answered the item correctly during trial testing of the item. [CEDs Element: Assessment Item Difficulty, ID:000391]
AssessmentItem	RefTextComplexitySystemId	int	Yes	The scaling system used to specify the text complexity of an assessment item. [CEDs Element: Assessment Item Text Complexity System, ID:000907]
AssessmentItem	TextComplexityValue	nvarchar(30)	Yes	The complexity of the text using the scaling system defined by Text Complexity System, e.g. Lexile™ for assessment items with a reading passage. [CEDs Element: Assessment Item Text Complexity Value, ID:000906]
AssessmentItem	LinkingItemIndicator	bit	Yes	Indicates that the item is intended to be administered in two different grades for the goal of establishing cross grade comparison. [CEDs Element: Assessment Item Linking Item Indicator, ID:001261]
AssessmentItem	ReleaseStatus	bit	Yes	Indicates that the assessment item has been released to the public. [CEDs Element: Assessment Item Release Status, ID:001263]
AssessmentItem	AssessmentItemRubricId	int	No	Foreign key - AssessmentItemRubric
AssessmentItem	LearningResourceId	int	Yes	Foreign key - LearningResource
AssessmentItem_LearningStandardItem	AssessmentItem_AssessmentLearningStandardItemId	int	No	Surrogate Key
AssessmentItem_LearningStandardItem	AssessmentItemId	int	No	Foreign key - AssessmentItem
AssessmentItem_LearningStandardItem	LearningStandardItemId	int	No	Foreign key - LearningStandard
AssessmentItemApip	AssessmentItemId	int	No	Surrogate Key

AssessmentItemApi	AdaptiveIndicator	bit	Yes	This indicator determines whether an assessment item is an adaptive item. [CEDS Element: Assessment Item Adaptive Indicator, ID:001139]
AssessmentItemApi	ResponseProcessingTemplateUrl	nvarchar(max)	Yes	These templates are described using the processing language defined in IMS Global APIP specification and are distributed (in XML form) along with it. Delivery engines that support generalized response processing do not need to implement special mechanisms to support them as a template file can be parsed directly while processing the assessment item that refers to it. This element provides the URL for the template. [CEDS Element: Assessment Item APIP Response Processing Template URL, ID:001131]
AssessmentItemApi	ResponseProcessingXml	nvarchar(max)	Yes	Response processing is the process by which the Delivery Engine assigns outcomes based on the learner's responses. The outcomes may be used to provide feedback to the learner. Feedback is either provided immediately following the end of the learner's attempt or it is provided at some later time, perhaps as part of a summary report on the item session. The XML from the IMS Global APIP Specification would be included. [CEDS Element: Assessment Item APIP Response Processing XML, ID:001132]
AssessmentItemApi	ResponseDeclarationXml	nvarchar(max)	Yes	Response declarations state what the response variables include. The response declaration may assign an optional correct response. The XML from the IMS Global APIP Specification would be included. [CEDS Element: Assessment Item APIP Response Declaration XML, ID:001133]
AssessmentItemApi	OutcomeDeclarationXml	nvarchar(max)	Yes	Outcome variables are declared by outcome declarations. Their value is set either from a default given in the declaration itself or by a responseRule during response processing. The XML from the IMS Global APIP Specification would be included. [CEDS Element: Assessment Item APIP Outcome Declaration XML, ID:001134]
AssessmentItemApi	TemplateDeclarationXml	nvarchar(max)	Yes	Template declarations declare item variables that are to be used specifically for the purposes of cloning items. They can have their value set only during template processing. They are referred to within the item body in order to individualize the clone and possibly also within the response Processing rules if the cloning process affects the way the item is scored. The XML from the IMS Global APIP Specification would be included. [CEDS Element: Assessment Item APIP Template Declaration XML, ID:001135]
AssessmentItemApi	TemplateProcessingXml	nvarchar(max)	Yes	Template processing consists of one or more template rules that are followed by the cloning engine or delivery system in order to assign values to the template variables. Template processing is identical in form to responseProcessing except that the purpose is to assign values to template variables, not outcome variables. The XML from the IMS Global APIP Specification would be included. [CEDS Element: Assessment Item APIP Template Processing XML, ID:001136]

AssessmentItemApi	ModalFeedbackXml	nvarchar(max)	Yes	Modal feedback is shown to the candidate directly following response processing. The value of an outcome variable is used in conjunction with the showHide and identifier attributes to determine whether or not the feedback is shown in a similar way to feedbackElement. The XML from the IMS Global APIP Specification would be included. [CEDS Element: Assessment Item APIP Modal Feedback XML, ID:001137]
AssessmentItemApi	ItemBodyXml	nvarchar(max)	Yes	The item body contains the text, graphics, media objects, and interactions that describe the item's content and information about how it is structured. The body is presented by combining it with stylesheet information, either explicitly or implicitly using the default style rules of the delivery or authoring system. This element contains the appropriate XML from the IMS Global APIP Specification defining the various item body interactions. [CEDS Element: Assessment Item APIP Item Body XML, ID:001138]
AssessmentItemApiDescription	AssessmentItemId	int	No	Surrogate key from AssessmentItem
AssessmentItemApiDescription	RefHazardTypeId	int	Yes	NULL
AssessmentItemApiDescription	RefSupportToolTypeId	int	Yes	NULL
AssessmentItemApiDescription	CognitiveGuidanceActivateByDefaultIndicator	bit	Yes	NULL
AssessmentItemApiDescription	CognitiveGuidanceAssignedSupportIndicator	bit	Yes	NULL
AssessmentItemApiDescription	ScaffoldingAssignedSupportIndicator	bit	Yes	NULL
AssessmentItemApiDescription	ScaffoldingActivateByDefaultIndicator	bit	Yes	NULL
AssessmentItemApiDescription	ChunkingAssignedSupportIndicator	bit	Yes	NULL
AssessmentItemApiDescription	ChunkingActivateByDefaultIndicator	bit	Yes	NULL
AssessmentItemApiDescription	KeywordEmphasisAssignedSupportIndicator	bit	Yes	NULL
AssessmentItemApiDescription	KeywordEmphasisActivateByDefaultIndicator	bit	Yes	NULL
AssessmentItemApiDescription	ReducedAnswersAssignedSupportIndicator	bit	Yes	NULL
AssessmentItemApiDescription	ReducedAnswersActivateByDefaultIndicator	bit	Yes	NULL
AssessmentItemApiDescription	NegativesRemovedAssignedSupportIndicator	bit	Yes	NULL

AssessmentItemApiDescription	NegativesRemovedActivateByDefaultIndicator	bit	Yes	NULL
AssessmentItemApiDescription	RefKeywordTranslationLanguageId	int	Yes	NULL
AssessmentItemApiDescription	KeywordTranslationsAssignedSupportIndicator	bit	Yes	NULL
AssessmentItemApiDescription	KeywordTranslationsActivateByDefaultIndicator	bit	Yes	NULL
AssessmentItemApiDescription	BrailleIndicator	bit	Yes	NULL
AssessmentItemApiDescription	TextOnlyIndicator	bit	Yes	NULL
AssessmentItemApiDescription	TextOnlyOnDemandIndicator	bit	Yes	NULL
AssessmentItemApiDescription	TextGraphicsIndicator	bit	Yes	NULL
AssessmentItemApiDescription	GraphicsOnlyIndicator	bit	Yes	NULL
AssessmentItemApiDescription	NonVisualIndicator	bit	Yes	NULL
AssessmentItemApiDescription	AslIndicator	bit	Yes	NULL
AssessmentItemApiDescription	AslOnDemandIndicator	bit	Yes	NULL
AssessmentItemApiDescription	SignedEnglishIndicator	bit	Yes	NULL
AssessmentItemApiDescription	SignedEnglishOnDemandIndicator	bit	Yes	NULL
AssessmentItemCharacteristic	AssessmentItemCharacteristicId	int	No	Surrogate Key
AssessmentItemCharacteristic	AssessmentItemId	int	No	Foreign key - AssessmentItem
AssessmentItemCharacteristic	RefAssessmentItemCharacteristicTypeId	int	Yes	The type of psychometric measure provided for assessment item. [CEDs Element: Assessment Item Characteristic Type, ID:000392]
AssessmentItemCharacteristic	Value	nvarchar(30)	Yes	A psychometric measure provided for an assessment item. [CEDs Element: Assessment Item Characteristic Value, ID:000709]

AssessmentItemCharacteristic	ResponseChoicePattern	nvarchar(100)	Yes	The distribution of responses for each choice in the assessment item. [CEDs Element: Assessment Item Response Choice Pattern, ID:000393]
AssessmentItemPossibleResponse	AssessmentItemPossibleResponseId	int	No	Surrogate Key
AssessmentItemPossibleResponse	AssessmentItemId	int	No	Foreign key - AssessmentItem.
AssessmentItemPossibleResponse	PossibleResponseOption	nvarchar(max)	Yes	The possible response presented to the participant within a selected-response/multiple-choice assessment item. [CEDs Element: Assessment Item Possible Response Option, ID:001269]
AssessmentItemPossibleResponse	Value	nvarchar(300)	Yes	The description of each distracter on an assessment item, explaining why it is there, what misunderstandings it exposes. [CEDs Element: Assessment Item Possible Response Value, ID:000908]
AssessmentItemPossibleResponse	CorrectIndicator	bit	Yes	Indicates that the possible response is the correct response. [CEDs Element: Assessment Item Possible Response Correct Indicator, ID:001217]
AssessmentItemPossibleResponse	FeedbackMessage	nvarchar(300)	Yes	A message provided to the person being assessed after giving a response that matches the possible response. [CEDs Element: Assessment Item Possible Response Feedback Message, ID:000904]
AssessmentItemPossibleResponse	SequenceNumber	int	Yes	The position of this response in the list of responses displayed, such as for a multiple choice item type. [CEDs Element: Assessment Item Possible Response Sequence Number, ID:000905]
AssessmentItemResponse	AssessmentItemResponseId	int	No	Surrogate Key
AssessmentItemResponse	Value	nvarchar(300)	Yes	A specific response to an assessment item by the person being assessed. [CEDs Element: Assessment Item Response Value, ID:001063]
AssessmentItemResponse	ScoreValue	nvarchar(60)	Yes	The score given to a person's response to an assessment item. [CEDs Element: Assessment Item Response Score Value, ID:000724]
AssessmentItemResponse	RefAssessmentItemResponseStatusId	int	Yes	The status of the response for a given item. [CEDs Element: Assessment Item Response Status, ID:000405] (Foreign key - RefAssessmentItemResponseStatus)
AssessmentItemResponse	RefProficiencyStatusId	int	Yes	An indication of whether a student's scores were proficient. [CEDs Element: Proficiency Status, ID:000573]
AssessmentItemResponse	AidSetUsed	nvarchar(30)	Yes	A tool or aid set used while viewing the item. This can include things like a calculator, reference tools, etc. [CEDs Element: Assessment Item Response Aid Set Used, ID:000406]

AssessmentItemResponse	DescriptiveFeedback	nvarchar(300)	Yes	The formative descriptive feedback that was given to a learner in response to the results from a scored/evaluated assessment item. [CEDS Element: Assessment Item Response Descriptive Feedback, ID:000891]
AssessmentItemResponse	ScaffoldingItemFlag	bit	Yes	Indicates that the response is to a scaffolding problem rather than the main/assigned problem. A scaffolding item is a follow-up formative assessment item used to assess prerequisite or component skills, presented immediately after a learner gives an incorrect answer on the previous item. [CEDS Element: Assessment Item Response Scaffolding Item Flag, ID:000954]
AssessmentItemResponse	HintCount	int	Yes	The total number of hints presented as the learner responded to a formative assessment item. This may include hints requested by the learner or hints automatically presented such as in an online tutoring system. Presentation of a scaffolding item is a separate response record and not counted as a hint. [CEDS Element: Assessment Item Response Hint Count, ID:000955]
AssessmentItemResponse	HintIncludedAnswer	bit	Yes	Indicates that one of the hints presented included the correct answer. [CEDS Element: Assessment Item Response Hint Included Answer, ID:000956]
AssessmentItemResponse	Duration	time	Yes	The total amount of time in seconds or milliseconds that a person spent responding to a given assessment item. [CEDS Element: Assessment Item Response Duration, ID:000402]
AssessmentItemResponse	FirstAttemptDuration	time	Yes	The amount of time in seconds or milliseconds that a person took to give an initial response, a first attempt to answer a formative assessment item. [CEDS Element: Assessment Item Response First Attempt Duration, ID:000957]
AssessmentItemResponse	StartTime	time	Yes	The time of day that the assessment item was presented to the learner. [CEDS Element: Assessment Item Response Start Time, ID:000958]
AssessmentItemResponse	StartDate	date	Yes	The date on which the assessment item was presented to the learner. [CEDS Element: Assessment Item Response Start Date, ID:000959]
AssessmentItemResponse	SecurityIssue	nvarchar(300)	Yes	The description of security issue, if any, related to a learner's response to an assessment item. [CEDS Element: Assessment Item Response Security Issue, ID:000969]
AssessmentItemResponse	AssessmentItemId	int	No	Foreign key - AssessmentItem.
AssessmentItemResponse	AssessmentParticipantSessionId	int	No	Foreign key - AssessmentParticipantSession
AssessmentItemResponseTheory	AssessmentItemId	int	No	Surrogate Key

AssessmentItemResponseTheory	ParameterA	int	Yes	The Item Response Theory value representing the discrimination of the item. The a parameter is found by taking the slope of the line tangent to the item characteristic curve at the inflection point, B. The parameter is the steepness of the curve at its steepest point. [CEDS Element: Assessment Item Response Theory Parameter A, ID:001251]
AssessmentItemResponseTheory	ParameterB	int	Yes	The Item Response Theory value representing the difficulty of the item. It is the Theta value for the location of the inflection point of the item characteristic curve. [CEDS Element: Assessment Item Response Theory Parameter B, ID:001252]
AssessmentItemResponseTheory	RefItemResponseTheoryDifficultyCategoryId	int	Yes	A category for the difficulty of the item based on the Item Response Theory value. [CEDS Element: Assessment Item Response Theory Parameter Difficulty Category, ID:001253] (Foreign key - RefItemResponseTheoryDifficultyCategory)
AssessmentItemResponseTheory	ParameterC	int	Yes	The Item Response Theory value for multiple choice items representing the guessing of the item. The c parameter is a lower asymptote. It is the low point of the curve as it move to negative infinity on the horizontal axis. You can think of c as the probability that a chicken would get the item right. [CEDS Element: Assessment Item Response Theory Parameter C, ID:001254]
AssessmentItemResponseTheory	ParameterD1	int	Yes	For polytomous assessment items with more than two possible responses, this is the item response theory value representing the threshold between the first and second item characteristic functions. [CEDS Element: Assessment Item Response Theory Parameter D1, ID:001255]
AssessmentItemResponseTheory	ParameterD2	int	Yes	For polytomous assessment items with more than two possible responses, this is the item response theory value representing the threshold between the second and third item characteristic functions. [CEDS Element: Assessment Item Response Theory Parameter D2, ID:001256]
AssessmentItemResponseTheory	ParameterD3	int	Yes	For polytomous assessment items with more than three possible responses, this is the item response theory value representing the threshold between the third and fourth item characteristic functions. [CEDS Element: Assessment Item Response Theory Parameter D3, ID:001257]
AssessmentItemResponseTheory	ParameterD4	int	Yes	For polytomous assessment items with more than four possible responses, this is the item response theory value representing the threshold between the fourth and fifth item characteristic functions. [CEDS Element: Assessment Item Response Theory Parameter D4, ID:001258]
AssessmentItemResponseTheory	ParameterD5	int	Yes	For polytomous assessment items with more than five possible responses, this is the item response theory value representing the threshold between the fifth and sixth item characteristic functions. [CEDS Element: Assessment Item Response Theory Parameter D5, ID:001259]
AssessmentItemResponseTheory	ParameterD6	int	Yes	For polytomous assessment items with more than six possible responses, this is the item response theory value representing the threshold between the sixth and seventh item characteristic functions. [CEDS Element: Assessment Item Response Theory Parameter D6, ID:001260]

AssessmentItemResponseTheory	PointBiserialCorrelationValue	int	Yes	The correlation between correct answers on this item and total correct answers on the test during a previous administration. [CEDS Element: Assessment Item Response Theory Point Biserial Correlation Value, ID:001262]
AssessmentItemResponseTheory	DIFValue	int	Yes	A value representing the Differential Item Functioning, also referred to as measurement bias, for the assessment item. The value represents differences in the functioning of the item across groups which are matched on the attribute being measure by the item. The value is calculated using Mantel-Haenszel approach or a comparable algorithm so that a value of 1.0 represents no bias. [CEDS Element: Assessment Item Response Theory DIF Value, ID:001264]
AssessmentItemResponseTheory	KappaValue	int	Yes	The measure used to represent the degree of agreement among raters. [CEDS Element: Assessment Item Response Theory Kappa Value, ID:001265]
AssessmentItemResponseTheory	RefItemResponseTheoryKappaAlgorithmId	int	Yes	The algorithm used to derive the Assessment Item Kappa Value [CEDS Element: Assessment Item Response Theory Kappa Algorithm, ID:001266] (Foreign key - RefItemResponseTheoryKappaAlgorithm)
AssessmentItemRubric	AssessmentItemRubricId	int	No	Surrogate Key
AssessmentItemRubric	Identifier	nvarchar(30)	Yes	An identifier assigned to a rubric. [CEDS Element: Assessment Item Rubric Identifier, ID:000422]
AssessmentItemRubric	Name	nvarchar(30)	Yes	The name of the rubric that may be utilized for scoring an assessment - either machine or human. [CEDS Element: Assessment Item Rubric Name, ID:000421]
AssessmentItemRubric	UrlReference	nvarchar(30)	Yes	The URL location where the rubric for scoring an item may be found. [CEDS Element: Assessment Item Rubric URL Reference, ID:000423]
AssessmentLanguage	AssessmentLanguageId	int	No	Surrogate Key
AssessmentLanguage	AssessmentId	int	No	Foreign key - Assessment
AssessmentLanguage	RefLanguageId	int	No	Foreign key - RefLanguage
AssessmentLevelsForWhichDesigned	AssessmentLevelsForWhichDesignedId	int	No	Surrogate Key
AssessmentLevelsForWhichDesigned	AssessmentId	int	No	Foreign key - Assessment
AssessmentLevelsForWhichDesigned	RefGradeLevelId	int	No	Foreign key - RefGradeLevel
AssessmentNeedApiContent	AssessmentNeedApiContentId	int	No	Surrogate Key

AssessmentNeedApipContent	AssessmentPersonalNeedsProfileContentId	int	No	Foreign key - AssessmentPersonalNeedsProfileContent
AssessmentNeedApipContent	ItemTranslationDisplayLanguageTypeId	int	Yes	Defines as part of an Assessment Personal Needs Profile the default language for the displayed translation. [CEDS Element: Assessment Need Item Translation Display Language Type, ID:001038]
AssessmentNeedApipContent	KeywordTranslationLanguageTypeId	int	Yes	Defines as part of an Assessment Personal Needs Profile the default language for the keyword translation. [CEDS Element: Assessment Need Keyword Translation Language Type, ID:001039]
AssessmentNeedApipContent	RefAssessmentNeedSigningTypeId	int	Yes	Defines as part of an Assessment Personal Needs Profile the type of signing preferred by the user. [CEDS Element: Assessment Need Signing Type, ID:001040] (Foreign key - AssessmentNeedApipContent)
AssessmentNeedApipContent	RefAssessmentNeedAlternativeRepresentationTypeId	int	Yes	Defines as part of an Assessment Personal Needs Profile the default presentation mode of the associated Alternative Representations accessibility. [CEDS Element: Assessment Need Alternative Representation Type, ID:001041] (Foreign key - RefAssessmentNeedAlternativeRepresentationType)
AssessmentNeedApipContent	RefAssessmentNeedSpokenSourcePreferenceTypeId	int	Yes	Defines as part of an Assessment Personal Needs Profile the preferred spoken audio form. [CEDS Element: Assessment Need Spoken Source Preference Type, ID:001042] (Foreign key - AssessmentNeedSpokenSourcePreferenceType)
AssessmentNeedApipContent	ReadAtStartPreferenceIndicator	bit	Yes	Used as part of an Assessment Personal Needs Profile to define if the spoken play-back should commence from the start of a recording or not. [CEDS Element: Assessment Need Read At Start Preference, ID:001043]
AssessmentNeedApipContent	RefAssessmentNeedUserSpokenPreferenceTypeId	int	Yes	Used as part of an Assessment Personal Needs Profile to define the type of material that should be rendered using the read aloud alternative content. [CEDS Element: Assessment Need User Spoken Preference Type, ID:001044] (Foreign key - RefAssessmentNeedUserSpokenPreferenceType)
AssessmentNeedApipContent	AssessmentNeedDirectionsOnlyIndicator	bit	Yes	Defines as part of an Assessment Personal Needs Profile whether or not the verbal alternative content presentation should be applied to directive content only. [CEDS Element: Assessment Need Directions Only, ID:001045]
AssessmentNeedApipControl	AssessmentNeedApipControlId	int	No	Surrogate Key
AssessmentNeedApipControl	AssessmentPersonalNeedsProfileControlId	int	No	Foreign key - AssessmentPersonalNeedsProfileControl

AssessmentNeedApipControl	AssessmentNeedTimeMultiplier	nvarchar(9)	Yes	Defines the multiplier to be applied to the time limit to determine the total testing time allowed when Additional Testing Time is specified as part of an Assessment Personal Needs Profile. If the value is 'unlimited' then there is no time limit for the test. [CEDs Element: Assessment Need Time Multiplier, ID:001049]
AssessmentNeedApipControl	LineReaderHighlightColor	nchar(6)	Yes	The color defined as part of an Assessment Personal Needs Profile to be used to highlight the point of line reader activity i.e. the line being read. [CEDs Element: Assessment Need Line Reader Highlight Color, ID:001050]
AssessmentNeedApipControl	OverlayColor	nchar(6)	Yes	This is the preferred color for the overlay for screen enhancement defined as part of an Assessment Personal Needs Profile. [CEDs Element: Assessment Need Overlay Color, ID:001051]
AssessmentNeedApipControl	BackgroundColor	nchar(6)	Yes	This is the preferred Background color for screen enhancement defined as part of an Assessment Personal Needs Profile. [CEDs Element: Assessment Need Background Color, ID:001053]
AssessmentNeedApipControl	RefAssessmentNeedIncreasedWhitespacingTypeid	int	Yes	Defines the user preferences for white spacing in lines, words and characters as part of an Assessment Personal Needs Profile. [CEDs Element: Assessment Need Increased Whitespacing Type, ID:001054] (Foreign key - RefAssessmentNeedIncreasedWhitespacingType)
AssessmentNeedApipDisplay	AssessmentNeedApipDisplayId	int	No	Surrogate Key
AssessmentNeedApipDisplay	AssessmentPersonalNeedsProfileDisplayId	int	No	Foreign key - AssessmentPersonalNeedsProfileDisplay
AssessmentNeedApipDisplay	MaskingAssignedSupportIndicator	bit	Yes	Defines whether or not the individual needs the kind of support defined by the entity. [CEDs Element: Assessment Personal Needs Profile Assigned Support, ID:001004]
AssessmentNeedApipDisplay	MaskingActivateByDefaultIndicator	bit	Yes	Determines if the alternative accessible content is rendered as the default content for the learner. [CEDs Element: Assessment Personal Needs Profile Activate By Default, ID:001005]
AssessmentNeedApipDisplay	RefAssessmentNeedMaskingTypeid	int	Yes	Specifies as part of an Assessment Personal Needs Profile the type of masks the user is able to create to cover portions of the question until needed. [CEDs Element: Assessment Need Masking Type, ID:001046] (Foreign key - RefAssessmentNeedMaskingType)
AssessmentNeedApipDisplay	EncouragementAssignedSupportIndicator	bit	Yes	Defines whether or not the individual needs the kind of support defined by the entity. [CEDs Element: Assessment Personal Needs Profile Assigned Support, ID:001004]
AssessmentNeedApipDisplay	EncouragementActivateByDefaultIndicator	bit	Yes	Determines if the alternative accessible content is rendered as the default content for the learner. [CEDs Element: Assessment Personal Needs Profile Activate By Default, ID:001005]

AssessmentNeedApipDisplay	EncouragementTextMessagingString	nvarchar(4000)	Yes	The text string that is to be displayed to the user as an expression of encouragement when Masking is specified as part of an Assessment Personal Needs Profile. It is left to the system to determine when to display this string. [CEDS Element: Assessment Need Text Messaging String, ID:001047]
AssessmentNeedApipDisplay	EncouragementSoundFileUrl	nvarchar(300)	Yes	The URI of the sound file that is to be played to the user as an expression of encouragement when Masking is specified as part of an Assessment Personal Needs Profile. It is left to the system to determine when to play this audio file. [CEDS Element: Assessment Need Sound File URL, ID:001048]
AssessmentNeedBraille	AssessmentNeedBrailleId	int	No	Surrogate Key
AssessmentNeedBraille	AssessmentPersonalNeedsProfileDisplayId	int	Yes	Foreign key - AssessmentPersonNeedProfileDisplay.
AssessmentNeedBraille	RefAssessmentNeedUsageTypeId	int	Yes	Defines as part of an Assessment Personal Needs Profile the rating for the collection of Access for All (AfA) needs and preferences. [CEDS Element: Assessment Need Usage Type, ID:001026] (Foreign key - RefAssessmentNeedUsageType)
AssessmentNeedBraille	RefAssessmentNeedBrailleGradeTypeId	int	No	Defines as part of an Assessment Personal Needs Profile the grade of Braille to use when using a Braille display. [CEDS Element: Assessment Need Braille Grade Type, ID:001032] (Foreign key - RefAssessmentNeedBrailleGrade)
AssessmentNeedBraille	RefAssessmentNeedNumberOfBrailleDotsId	int	Yes	Defines as part of an Assessment Personal Needs Profile the number of dots in a Braille cell. [CEDS Element: Assessment Need Number of Braille Dots Type, ID:001033] (Foreign key - RefAssessmentNeedNumberOfBrailleDots)
AssessmentNeedBraille	NumberOfBrailleCells	int	Yes	Defines as part of an Assessment Personal Needs Profile the number of active Braille cells in a Braille display. [CEDS Element: Assessment Need Number of Braille Cells, ID:001034]
AssessmentNeedBraille	RefAssessmentNeedBrailleMarkTypeId	int	Yes	Defines as part of an Assessment Personal Needs Profile what textual properties to mark when using a Braille display. [CEDS Element: Assessment Need Braille Mark Type, ID:001035] (Foreign key - RefAssessmentNeedBrailleMarkType)
AssessmentNeedBraille	BrailleDotPressure	decimal(10,4)	Yes	Defines as part of an Assessment Personal Needs Profile the resistance pressure of Braille display pins. [CEDS Element: Assessment Need Braille Dot Pressure, ID:001036]
AssessmentNeedBraille	RefAssessmentNeedBrailleStatusCellTypeId	int	Yes	Defines as part of an Assessment Personal Needs Profile the preferred presence or location of a Braille display status cell. [CEDS Element: Assessment Need Braille Status Cell Type, ID:001037] (Foreign key - RefAssessmentNeedBrailleStatusCellType)

AssessmentNeedScreenEnhancement	AssessmentNeedScreenEnhancementId	int	No	Surrogate Key
AssessmentNeedScreenEnhancement	AssessmentPersonalNeedsProfileDisplayId	int	No	Foreign key - AssessmentPersonalNeedsProfileDisplay
AssessmentNeedScreenEnhancement	InvertColorChoice	bit	Yes	Defines as part of an Assessment Personal Needs Profile the Access for All (AfA) preference to invert the foreground and background Colors. [CEDs Element: Assessment Need Invert Color Choice, ID:001030]
AssessmentNeedScreenEnhancement	Magnification	decimal(10,4)	Yes	Defines as part of an Assessment Personal Needs Profile the preferred magnification of the screen as a factor of a screen's original size. [CEDs Element: Assessment Need Magnification, ID:001031]
AssessmentNeedScreenEnhancement	AssessmentPersonalNeedsProfileScreenEnhancementId	int	Yes	Foreign key - AssessmentPersonalNeedsProfileScreenEnhancement
AssessmentNeedScreenEnhancement	ForegroundColor	nchar(6)	Yes	This is the preferred Foreground color for screen enhancement defined as part of an Assessment Personal Needs Profile. [CEDs Element: Assessment Need Foreground Color, ID:001052]
AssessmentParticipantSession	AssessmentParticipantSessionId	int	No	PK
AssessmentParticipantSession	ActualStartDateTime	datetime	Yes	Date and time the assessment actually began. [CEDs Element: Assessment Session Actual Start Date Time, ID:001021]
AssessmentParticipantSession	ActualEndDateTime	datetime	Yes	Date and time the assessment actually ended. [CEDs Element: Assessment Session Actual End Date Time, ID:001022]
AssessmentParticipantSession	TimeAssessed	nvarchar(30)	Yes	The overall time a learner actually spent during the assessment session. [CEDs Element: Assessment Participant Session Time Assessed, ID:000407]
AssessmentParticipantSession	RefAssessmentPlatformType	int	Yes	The platform with which the assessment was delivered to the student during the assessment session. [CEDs Element: Assessment Participant Session Platform Type, ID:000386] (Foreign key - RefAssessmentPlatformType)
AssessmentParticipantSession	DeliveryDeviceDetails	nvarchar(300)	Yes	The details about the device or platform by which the assessment was delivered to the learner. [CEDs Element: Assessment Participant Session Delivery Device Details, ID:001003]
AssessmentParticipantSession	SecurityIssue	nvarchar(300)	Yes	The description of a security issue, if any, discovered for an administration of an assessment, such as suspected cheating by a student or a teacher changing answers after a student takes the test. [CEDs Element: Assessment Session Security Issue, ID:000968]

AssessmentParticipant Session	RefAssessmentSessionSpecialCircumstanceTypeId	int	Yes	An unusual event occurred during the administration of the assessment. This could include fire alarm, student became ill, etc. [CEDs Element: Assessment Session Special Circumstance Type, ID:000389] (Foreign key - RefAssessmentSpecialCircumstance)
AssessmentParticipant Session	SpecialEventDescription	nvarchar(60)	Yes	Describes special events that occur before during or after the assessment session that may impact use of results according to rules related to the Assessment Registration Testing Indicator. [CEDs Element: Assessment Session Special Event Description, ID:001093]
AssessmentParticipant Session	LocationId	int	Yes	The description of the place where an assessment is administered. [CEDs Element: Assessment Session Location, ID:000597]
AssessmentParticipant Session	RefLanguageId	int	Yes	The language that the assessment is administered. [CEDs Element: Assessment Participant Session Language, ID:000371] (Foreign key - RefLanguage)
AssessmentParticipant Session	AssessmentFormSectionId	int	Yes	Foreign key - AssessmentFormSection
AssessmentParticipant Session	AssessmentSessionId	int	No	Foreign key - AssessmentSession
AssessmentParticipant Session	AssessmentRegistrationId	int	Yes	Foreign key - AssessmentRegistration
AssessmentParticipant Session_Accommodation	AssessmentParticipantSession_AccommodationId	int	No	Surrogate Key
AssessmentParticipant Session_Accommodation	AssessmentParticipantSessionId	int	No	Foreign key - AssessmentParticipantSession
AssessmentParticipant Session_Accommodation	RefAssessmentAccommodationTypeId	int	No	Foreign key - RefAssessmentAccommodationType
AssessmentPerformanceLevel	AssessmentPerformanceLevelId	int	No	Surrogate Key
AssessmentPerformanceLevel	Identifier	nvarchar(30)	Yes	A unique number or alphanumeric code assigned to an assessment performance level. [CEDs Element: Assessment Performance Level Identifier, ID:000717]
AssessmentPerformanceLevel	AssessmentFormSubtestId	int	Yes	Foreign key - AssessmentFormSubtest
AssessmentPerformanceLevel	ScoreMetric	nvarchar(30)	Yes	The metric or scale used for score reporting. [CEDs Element: Assessment Performance Level Score Metric, ID:000417]
AssessmentPerformanceLevel	Label	nvarchar(20)	Yes	A label representing the performance level appropriate for use on a report. [CEDs Element: Assessment Performance Level Label, ID:000718]

AssessmentPerformanceLevel	LowerCutScore	nvarchar(30)	Yes	Lowest possible score for the performance level. [CEDs Element: Assessment Performance Level Lower Cut Score, ID:000418]
AssessmentPerformanceLevel	UpperCutScore	nvarchar(30)	Yes	Highest possible score for the performance level. [CEDs Element: Assessment Performance Level Upper Cut Score, ID:000419]
AssessmentPerformanceLevel	DescriptiveFeedback	nvarchar(max)	Yes	A feedback message designed to be reported with the assessment performance level. [CEDs Element: Assessment Performance Level Descriptive Feedback, ID:001218]
AssessmentPerformanceLevel	AssessmentSubtestResultId	int	No	Foreign key - AssessmentSubtestResult
AssessmentPersonalNeedsLanguageLearner	AssessmentNeedsProfileContentLanguageLearnerId	int	No	Surrogate Key
AssessmentPersonalNeedsLanguageLearner	AssessmentNeedsProfileContentId	int	No	Foreign key - AssessmentNeedsProfileContent
AssessmentPersonalNeedsLanguageLearner	AssignedSupport	bit	Yes	Defines whether or not the individual needs the kind of support defined by the entity. [CEDs Element: Assessment Personal Needs Profile Assigned Support, ID:001004]
AssessmentPersonalNeedsLanguageLearner	ActivateByDefault	bit	Yes	Determines if the alternative accessible content is rendered as the default content for the learner. [CEDs Element: Assessment Personal Needs Profile Activate By Default, ID:001005]
AssessmentPersonalNeedsLanguageLearner	RefAssessmentNeedsProfileContentLanguageLearnerTypeId	int	No	Foreign key - RefAssessmentNeedLanguageLearnerType
AssessmentPersonalNeedsScreenReader	AssessmentNeedScreenReaderId	int	No	Surrogate Key
AssessmentPersonalNeedsScreenReader	AssessmentPersonalNeedsProfileDisplayId	int	No	Foreign key - AssessmentPersonalNeedsProfileDisplay
AssessmentPersonalNeedsScreenReader	RefAssessmentNeedUsageTypeId	int	Yes	Defines as part of an Assessment Personal Needs Profile the rating for the collection of Access for All (AfA) needs and preferences. [CEDs Element: Assessment Need Usage Type, ID:001026] (Foreign key - RefAssessmentNeedUsageType)
AssessmentPersonalNeedsScreenReader	SpeechRate	int	Yes	Defines as part of an Assessment Personal Needs Profile the rate of speech of a speech synthesizer. [CEDs Element: Assessment Need Speech Rate, ID:001028]
AssessmentPersonalNeedsScreenReader	Pitch	decimal(10,4)	Yes	Defines as part of an Assessment Personal Needs Profile the pitch of a speech synthesizer. [CEDs Element: Assessment Need Pitch, ID:001087]

AssessmentPersonalNeedsScreenReader	Volume	decimal(10,4)	Yes	Defines as part of an Assessment Personal Needs Profile the volume of a speech synthesizer. [CEDS Element: Assessment Need Volume, ID:001029]
AssessmentPersonalNeedsProfile	AssessmentPersonalNeedsProfileId	int	No	Surrogate Key
AssessmentPersonalNeedsProfile	AssessmentNeedType	nvarchar(max)	Yes	A type of need identified for a learner as part of an assessment need profile. [CEDS Element: Assessment Need Type, ID:001127]
AssessmentPersonalNeedsProfile	AssignedSupportFlag	bit	Yes	Defines whether or not the individual needs the kind of support defined by the entity. [CEDS Element: Assessment Personal Needs Profile Assigned Support, ID:001004]
AssessmentPersonalNeedsProfile	ActivateByDefault	bit	Yes	Determines if the alternative accessible content is rendered as the default content for the learner. [CEDS Element: Assessment Personal Needs Profile Activate By Default, ID:001005]
AssessmentPersonalNeedsProfileContent	AssessmentPersonalNeedsProfileContentId	int	No	Surrogate Key
AssessmentPersonalNeedsProfileContent	AssessmentPersonalNeedsProfileId	int	No	Foreign key - AssessmentPersonalNeedsProfile
AssessmentPersonalNeedsProfileContent	RefAssessmentNeedHazardTypeId	int	Yes	Defines as part of an Assessment Personal Needs Profile a characteristic of a digital resource that may be specified as being dangerous to a user. [CEDS Element: Assessment Need Hazard Type, ID:001024]
AssessmentPersonalNeedsProfileContent	RefAssessmentNeedSupportToolId	int	Yes	Defines as part of an Assessment Personal Needs Profile the electronic tool associated with a resource. [CEDS Element: Assessment Need Support Tool Type, ID:001025]
AssessmentPersonalNeedsProfileContent	CognitiveGuidanceActivateByDefaultIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	CognitiveGuidanceAssignedSupportIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	ScaffoldingAssignedSupportIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	ScaffoldingActivateByDefaultIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	ChunkingAssignedSupportIndicator	bit	Yes	NULL

AssessmentPersonalNeedsProfileContent	ChunkingActivateByDefaultIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	KeywordEmphasisAssignedSupportIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	KeywordEmphasisActivateByDefaultIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	ReducedAnswersAssignedSupportIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	ReducedAnswersActivateByDefaultIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	NegativesRemovedAssignedSupportIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	NegativesRemovedActivateByDefaultIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	RefKeywordTranslationsLanguageId	int	Yes	Defines as part of an Assessment Personal Needs Profile the default language for the keyword translation. [CEDS Element: Assessment Need Keyword Translation Language Type, ID:001039]
AssessmentPersonalNeedsProfileContent	KeywordTranslationsAssignedSupportIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileContent	KeywordTranslationsActivateByDefaultIndicator	bit	Yes	NULL
AssessmentPersonalNeedsProfileControl	AssessmentPersonalNeedsProfileControlId	int	No	Surrogate Key
AssessmentPersonalNeedsProfileControl	AssessmentPersonalNeedsProfileId	int	No	Foreign key - AssessmentPersonalNeedsProfile
AssessmentPersonalNeedsProfileDisplay	AssessmentPersonalNeedsProfileDisplayId	int	No	Surrogate Key
AssessmentPersonalNeedsProfileDisplay	AssessmentPersonalNeedsProfileId	int	No	Foreign key - AssessmentPersonalNeedsProfile

AssessmentPersonalNeedsProfileScreenEnhancement	AssessmentPersonalNeedsProfileScreenEnhancementId	int	No	Surrogate Key
AssessmentPersonalNeedsProfileScreenEnhancement	AssessmentPersonalNeedsProfileId	int	No	Foreign key - AssessmentPersonalNeedsProfile
AssessmentRegistration	AssessmentRegistrationId	int	No	Surrogate Key
AssessmentRegistration	CreationDate	datetime	Yes	Date/time assignment is made. [CEDS Element: Assessment Registration Creation Date, ID:001017]
AssessmentRegistration	DaysOfInstructionPriorToAssessment	int	Yes	The number of days of instruction the student has taken prior to testing. [CEDS Element: Assessment Registration Days of Instruction, ID:001015]
AssessmentRegistration	ScorePublishDate	date	Yes	The date set by the testing program when the test scores are published. For formative or classroom assessments, this will likely be the date when the scored the individual test. For summative assessments, this date is likely set for a group of assessments when the processing system releases the scores. [CEDS Element: Assessment Registration Score Publish Date, ID:001056]
AssessmentRegistration	TestAttemptIdentifier	nvarchar(30)	Yes	A unique identifier for the test attempt assigned by the delivery system. [CEDS Element: Assessment Registration Test Attempt Identifier, ID:001162]
AssessmentRegistration	RetestIndicator	bit	Yes	Indicates if this registration is for a retest (retake). Retest can occur if a student failed a prior attempt and is eligible to retake. Other retest scenarios also can occur. [CEDS Element: Assessment Registration Retest Indicator, ID:001016]
AssessmentRegistration	ClassSectionOrganizationId	int	Yes	Foreign key - ClassSection
AssessmentRegistration	RefAssessmentParticipationIndicatorId	int	Yes	An indication of whether a student participated in an assessment. [CEDS Element: Assessment Registration Participation Indicator, ID:000025] (Foreign key - RefAssessmentParticipationIndicator)
AssessmentRegistration	TestingIndicator	nvarchar(300)	Yes	Indicates rules about use of results based on Special Events before during or after the test. The option set values are determined by the testing program. [CEDS Element: Assessment Registration Testing Indicator, ID:001055]
AssessmentRegistration	RefAssessmentPurposeId	int	Yes	The reason for which an assessment is designed or delivered. [CEDS Element: Assessment Purpose, ID:000026] (Foreign key - RefAssessmentPurpose)
AssessmentRegistration	RefAssessmentReasonNotTestedId	int	Yes	The primary reason a student is not tested. [CEDS Element: Reason Not Tested, ID:000228] (Foreign key - RefAssessmentReasonNotTested)

AssessmentRegistration	RefAssessmentReasonNotCompletingId	int	Yes	The primary reason a participant did not complete an assessment. [CEDS Element: Assessment Registration Reason Not Completing, ID:000540] (Foreign key - RefAssessmentReasonNotCompleting)
AssessmentRegistration	RefGradeLevelToBeAssessedId	int	Yes	Foreign key - RefAssessmentGradeLevel. Identifies the grade level to be assessed.
AssessmentRegistration	RefGradeLevelWhenAssessedId	int	Yes	The grade or level of the learner as specified during assessment registration. [CEDS Element: Assessment Registration Grade Level When Assessed, ID:001057]
AssessmentRegistration	PersonId	int	No	Person registering for the Assessment. (Foreign Key - Person)
AssessmentRegistration	AssessmentFormId	int	No	Foreign key - AssessmentForm
AssessmentRegistration	OrganizationId	int	Yes	Foreign key - Organization
AssessmentRegistration	SchoolOrganizationId	int	Yes	Foreign key - Organization. Identifies the school.
AssessmentRegistration	LeaOrganizationId	int	Yes	Foreign key - Organization. Identifies the LEA.
AssessmentRegistration	AssessmentAdministrationId	int	Yes	Foreign key - AssessmentAdministration
AssessmentRegistration	AssignedByPersonId	int	Yes	The unique identifier of the person who assigned the assessment to the learner. [CEDS Element: Assessment Registration Assignor Identifier, ID:000889] (Foreign key - Person)
AssessmentRegistration_Accommodation	AssessmentRegistration_AccommodationId	int	No	Surrogate Key
AssessmentRegistration_Accommodation	AssessmentRegistrationId	int	No	Foreign key - AssessmentRegistration
AssessmentRegistration_Accommodation	RefAssessmentAccommodationTypeId	int	No	Foreign key - RefAssessmentAccommodationType
AssessmentRegistration_Accommodation	OtherDescription	nvarchar(30)	Yes	The description of the accommodation when 'Assessment Accommodation Type' is set to 'Other'. [CEDS Element: Assessment Accommodation Other Description, ID:001157]
AssessmentSession	AssessmentSessionId	int	No	Surrogate Key
AssessmentSession	AssessmentAdministrationId	int	Yes	Foreign key - AssessmentAdministration.
AssessmentSession	ScheduledStartDateTime	datetime	Yes	Date and time the assessment is scheduled to begin. [CEDS Element: Assessment Session Scheduled Start Date Time, ID:001019]

AssessmentSession	ScheduledEndDateTime	datetime	Yes	Date and time the assessment is scheduled to end. [CEDS Element: Assessment Session Scheduled End Date Time, ID:001020]
AssessmentSession	ActualStartDateTime	datetime	Yes	Date and time the assessment actually began. [CEDS Element: Assessment Session Actual Start Date Time, ID:001021]
AssessmentSession	ActualEndDateTime	datetime	Yes	Date and time the assessment actually ended. [CEDS Element: Assessment Session Actual End Date Time, ID:001022]
AssessmentSession	AllottedTime	time	Yes	The duration of time allotted for the assessment session. [CEDS Element: Assessment Session Allotted Time, ID:000408]
AssessmentSession	RefAssessmentSessionTypeId	int	Yes	The type of session that is scheduled. [CEDS Element: Assessment Session Type, ID:001018]
AssessmentSession	SecurityIssue	nvarchar(300)	Yes	The description of a security issue, if any, discovered for an administration of an assessment, such as suspected cheating by a student or a teacher changing answers after a student takes the test. [CEDS Element: Assessment Session Security Issue, ID:000968]
AssessmentSession	RefAssessmentSessionSpecialCircumstanceTypeId	int	Yes	An unusual event occurred during the administration of the assessment. This could include fire alarm, student became ill, etc. [CEDS Element: Assessment Session Special Circumstance Type, ID:000389]
AssessmentSession	SpecialEventDescription	nvarchar(60)	Yes	Describes special events that occur before during or after the assessment session that may impact use of results according to rules related to the Assessment Registration Testing Indicator. [CEDS Element: Assessment Session Special Event Description, ID:001093]
AssessmentSession	Location	nvarchar(45)	Yes	The description of the place where an assessment is administered. [CEDS Element: Assessment Session Location, ID:000597]
AssessmentSession	OrganizationId	int	Yes	Foreign key - Organization
AssessmentSession	Lea_OrganizationId	int	Yes	Foreign key - Organization : Local Education Agency
AssessmentSession	School_OrganizationId	int	Yes	Foreign key - Organization : School
AssessmentSessionStaffRole	AssessmentSessionStaffRoleId	int	No	Surrogate Key
AssessmentSessionStaffRole	RefAssessmentSessionStaffRoleId	int	Yes	The type of role served related to the administration of an assessment session. [CEDS Element: Assessment Session Staff Role Type, ID:001212] (Foreign key - RefAssessmentSessionStaffRoleType)
AssessmentSessionStaffRole	PersonId	int	No	Foreign key - Person

AssessmentSessionStaffRole	AssessmentSessionId	int	Yes	Foreign key - AssessmentSession
AssessmentSessionStaffRole	AssessmentParticipantSessionId	int	Yes	Foreign key - AssessmentParticipantSession
AssessmentSubtest	AssessmentSubtestId	int	No	Surrogate Key
AssessmentSubtest	Identifier	nvarchar(30)	No	A unique number or alphanumeric code assigned to an assessment subtest. [CEDs Element: Assessment Subtest Identifier, ID:000367]
AssessmentSubtest	RefAssessmentSubtestIdentifierTypeId	int	Yes	The type of identifier that is provided for a Subtest. [CEDs Element: Assessment Subtest Identifier Type, ID:001014] (Foreign key - AssessmentSubtestIdentifierType)
AssessmentSubtest	Title	nvarchar(60)	Yes	The name or title of the subtest. [CEDs Element: Assessment Subtest Title, ID:000275]
AssessmentSubtest	Version	nvarchar(30)	Yes	The version of the subtest that is included for the assessment. [CEDs Element: Assessment Subtest Version, ID:000388]
AssessmentSubtest	PublishedDate	date	Yes	The date on which the Subtest was published. [CEDs Element: Assessment Subtest Published Date, ID:001091]
AssessmentSubtest	Abbreviation	nvarchar(30)	Yes	The shortened name identifying the assessment for use in reference and/or reports. [CEDs Element: Assessment Subtest Abbreviation, ID:000368]
AssessmentSubtest	ScoreMetricType	nvarchar(30)	Yes	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. [CEDs Element: Assessment Subtest Score Metric Type, ID:000369]
AssessmentSubtest	MinimumValue	nvarchar(30)	Yes	The maximum value for the measurement. [CEDs Element: Assessment Subtest Maximum Value, ID:000396]
AssessmentSubtest	MaximumValue	nvarchar(30)	Yes	The minimum value possible for the measurement. [CEDs Element: Assessment Subtest Minimum Value, ID:000395]
AssessmentSubtest	OptimalValue	nvarchar(30)	Yes	The optimal value for this measurement. [CEDs Element: Assessment Subtest Optimal Value, ID:000397]
AssessmentSubtest	Tier	int	Yes	In a hierarchy of subtests, this element represents the level of the sub test in the hierarchy. The top tier and default is zero. [CEDs Element: Assessment Form Subtest Tier, ID:001214]
AssessmentSubtest	ContainerOnly	nvarchar(30)	Yes	In a hierarchy of subtests, this indicates that this tier is only used as a level in the hierarchy and does not represent a scoring model. [CEDs Element: Assessment Form Subtest Container Only, ID:001215]

AssessmentSubtest	RefAssessmentPurposeId	int	Yes	The reason for which an assessment is designed or delivered. [CEDS Element: Assessment Purpose, ID:000026] (Foreign key - RefAssessmentPurpose)
AssessmentSubtest	Description	nvarchar(60)	Yes	The description of the subtest (e.g., vocabulary, measurement, or geometry). [CEDS Element: Assessment Subtest Description, ID:000274]
AssessmentSubtest	Rules	nvarchar(max)	Yes	A description of the rules to produce a student test/subtest score from for a grouping of student item scores. [CEDS Element: Assessment Subtest Rules, ID:000719]
AssessmentSubtest	RefContentStandardType	int	Yes	An indication as to whether an assessment conforms to a standard. [CEDS Element: Assessment Content Standard Type, ID:000605] (Foreign key - RefContentStandardType)
AssessmentSubtest	RefAcademicSubjectId	int	Yes	The description of the academic content or subject area (e.g., arts, mathematics, reading, or a foreign language) being evaluated. [CEDS Element: Assessment Academic Subject, ID:000021] (Foreign key - RefAcademicSubject)
AssessmentSubtest	ChildOf_AssessmentFormSubTestId	int	Yes	Foreign key - AssessmentSubtest
AssessmentSubtest	AssessmentFormId	int	Yes	Foreign key - AssessmentForm
AssessmentSubtest_AssessmentItem	AssessmentSubtestItemId	int	No	Surrogate Key
AssessmentSubtest_AssessmentItem	AssessmentSubtestId	int	No	Foreign key - AssessmentSubtest
AssessmentSubtest_AssessmentItem	AssessmentItemId	int	No	Foreign key - AssessmentItem
AssessmentSubtest_AssessmentItem	ItemWeightCorrect	decimal(3,2)	Yes	A weighting factor for how the item score is used to compute a sub-test score when the item is correct or partially correct. Item weight of 1 indicates the full item score is used. A weight of .5 would indicate the item only contributes one half of the item score to the subtest. A weight of 0 indicates the item does not affect the sub test score. [CEDS Element: Assessment Form Subtest Item Weight Correct, ID:001010]
AssessmentSubtest_AssessmentItem	ItemWeightIncorrect	decimal(3,2)	Yes	A weighting factor for how the item score is used to compute a sub-test score when the item is attempted and incorrect. Item weight should be a negative value if the item subtracts from the score if missed. [CEDS Element: Assessment Form Subtest Item Weight Incorrect, ID:001012]

AssessmentSubtest_AssessmentItem	ItemWeightNotAttempted	decimal(3,2)	Yes	A weighting factor for how the item score is used to compute a sub-test score when the item has not been attempted by the student. Item weight should be a negative value if the item subtracts from the score if not attempted. [CEDS Element: Assessment Form Subtest Item Weight Not Attempted, ID:001013]
AssessmentSubtest_LearningStandardItem	AssessmentSubTest_LearningStandardItemId	int	No	Surrogate Key
AssessmentSubtest_LearningStandardItem	AssessmentSubtestId	int	No	Foreign key - AssessmentSubtest
AssessmentSubtest_LearningStandardItem	LearningStandardItemId	int	Yes	Foreign key - LearningStandardItem
AssessmentSubtestLevelsForWhichDesigned	AssessmentSubtestLevelsForWhichDesignedId	int	No	Surrogate Key
AssessmentSubtestLevelsForWhichDesigned	AssessmentSubTestId	int	No	Foreign key - AssessmentSubtest
AssessmentSubtestLevelsForWhichDesigned	RefGradeId	int	No	Foreign key - RefGradeLevel
AssessmentSubtestResult	AssessmentSubtestResultId	int	No	Surrogate Key
AssessmentSubtestResult	ScoreValue	nvarchar(35)	Yes	A meaningful raw score, derived score, or statistical expression of the performance of a person on an assessment. The type of result is indicated by the Metric Type element. 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. This value may or may not correspond to one or more Performance Levels. [CEDS Element: Assessment Subtest Result Score Value, ID:000245]
AssessmentSubtestResult	RefScoreMetricTypeId	int	Yes	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. [CEDS Element: Assessment Subtest Score Metric Type, ID:000369] (Foreign key - RefScoreMetricType)
AssessmentSubtestResult	PreliminaryIndicator	bit	Yes	If this score is preliminary, then this attribute value should be set. Preliminary scores may be provided for early use by the assessment program or user while final scoring is occurring. [CEDS Element: Assessment Subtest Result Preliminary Indicator, ID:001007]
AssessmentSubtestResult	RefAssessmentPretestOutcomeId	int	Yes	The results of a pre-test in academic subjects. [CEDS Element: Assessment Subtest Result Pretest Outcome, ID:000572] (Foreign key - RefAssessmentPretestOutcome)

AssessmentSubtestResult	NumberOfResponses	int	Yes	The number of responses that are included with the Student Score Set. Responses are those items that were attempted (partially or fully answered) by the student and not necessarily the number of items in the sub test (which can be determined from the sub test object). [CEDS Element: Assessment Subtest Result Number of Responses, ID:001009]
AssessmentSubtestResult	DiagnosticStatement	nvarchar(max)	Yes	A statement intended for use by education professionals, using professional terminology, to interpret learner needs based on the scored/evaluated portion of an assessment. This statement may inform Descriptive Feedback given to the learner. [CEDS Element: Assessment Subtest Result Diagnostic Statement, ID:001219]
AssessmentSubtestResult	DiagnosticStatementSource	nvarchar(300)	Yes	Identifies the source of the Diagnostic Statement based on a scored/evaluated portion of an assessment. [CEDS Element: Diagnostic Statement Source, ID:001008]
AssessmentSubtestResult	DescriptiveFeedback	nvarchar(300)	Yes	The formative descriptive feedback that was given to a learner based on a scored/evaluated portion of an assessment as recorded in the Subtest Result entity. [CEDS Element: Assessment Subtest Result Descriptive Feedback, ID:000890]
AssessmentSubtestResult	DescriptiveFeedbackSource	nvarchar(60)	Yes	Identifies the source of the descriptive feedback that was given to a learner based on a scored/evaluated portion of an assessment. May indicate if this is teacher, scorer, or system generated feedback. Values for this attribute would be determined by the assessment program. [CEDS Element: Assessment Subtest Result Descriptive Feedback Source, ID:001092]
AssessmentSubtestResult	InstructionalRecommendation	nvarchar(100)	Yes	This provides the next steps for instruction for the student based upon the assessment results and student characteristics. [CEDS Element: Instructional Recommendation, ID:000370]
AssessmentSubtestResult	IncludedInAypCalculation	bit	Yes	An indication of whether a proficiency score on the state assessment was included in the state's calculation of adequate yearly progress (AYP). [CEDS Element: Assessment Subtest Result Included in Adequate Yearly Progress Calculation, ID:000576]
AssessmentSubtestResult	DateUpdated	date	Yes	The most recent date that the subtest result was calculated/updated. The value should be the same as Assessment Subtest Result Date Created if the subtest has only been scored once, but may be different if the score was recalculated with a different result. [CEDS Element: Assessment Subtest Result Date Updated, ID:000970]
AssessmentSubtestResult	DateCreated	date	Yes	The date on which the assessment subtest result was generated. [CEDS Element: Assessment Subtest Result Date Created, ID:000971]
AssessmentSubtestResult	AssessmentFormSubtestId	int	No	Foreign key - AssessmentFormSubtest
AssessmentSubtestResult	AssessmentRegistrationId	int	No	Foreign key - AssessmentRegistration
Authentication	AuthorizationId	int	No	Surrogate Key

Authentication	OrganizationPersonRoleId	int	No	Foreign key - OrganizationPersonRole
Authentication	IdentityProviderName	nvarchar(60)	Yes	The name of a provider that can authenticate the identity of a person. [CEDS Element: Authentication Identity Provider Name, ID:001168]
Authentication	IdentityProviderUri	nvarchar(300)	Yes	The Uniform Resource Identifier (URI) of the Authentication Identity Provider. [CEDS Element: Authentication Identity Provider URI, ID:001169]
Authentication	LoginIdentifier	nvarchar(60)	No	The login identifier for the person for the specified Authentication Identity Provider. [CEDS Element: Authentication Identity Provider Login Identifier, ID:001170]
Authentication	StartDate	date	Yes	The date on which the an associated person may begin to use the specified Authentication Identity Provider to authenticate identity. [CEDS Element: Authentication Identity Provider Start Date, ID:001171]
Authentication	EndDate	date	Yes	The date after which the an associated person is no longer allowed to use the specified Authentication Identity Provider to authenticate identity. [CEDS Element: Authentication Identity Provider End Date, ID:001172]
Authorization	AuthorizationId	int	No	Surrogate Key
Authorization	OrganizationPersonRoleId	int	No	Foreign key - OrganizationPersonRole
Authorization	ApplicationId	int	Yes	Foreign key - Application
Authorization	ApplicationRoleName	nvarchar(60)	No	The user role for which the person is allowed. [CEDS Element: Authorization Application Role Name, ID:001175]
Authorization	StartDate	date	Yes	The date on which the an associated person is authorized to start using the application with the specified role. [CEDS Element: Authorization Start Date, ID:001176]
Authorization	EndDate	date	Yes	The date after which the an associated person is no longer allowed to use the application with the specified role. [CEDS Element: Authorization End Date, ID:001177]
Classroom	LocationId	int	No	SurrogateKey
Classroom	ClassroomIdentifier	nvarchar(30)	Yes	A unique number or alphanumeric code assigned to a room by a school, school system, state, or other agency or entity. [CEDS Element: Classroom Identifier, ID:000364]
ClassSection	OrganizationId	int	No	Surrogate key from Organization

ClassSection	AvailableCarnegieUnitCredit	decimal(9,2)	Yes	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. [CEDS Element: Available Carnegie Unit Credit, ID:000030]
ClassSection	RefClassSectionDeliveryModelId	int	Yes	The primary setting or medium of delivery for the course. [CEDS Element: Class Section Instructional Delivery Mode, ID:001161] (Foreign key - RefClassSectionDeliveryModel)
ClassSection	RefSingleSexClassStatusId	int	Yes	Class in a co-educational school where only male or only female students are permitted to take the class. [CEDS Element: Class Section Single Sex Class Status, ID:000258] (Foreign key - RefSingleSexClassStatus)
ClassSection	TimeRequiredForCompletion	decimal(9,0)	Yes	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, times the number of equivalent weeks the class typically meets. [CEDS Element: Class Section Time Required For Completion, ID:000101]
ClassSection	CourseId	int	No	Foreign key - Course.
ClassSection	RefAdditionalCreditTypeId	int	Yes	The type of additional credits or units of value awarded for the completion of a course. [CEDS Element: Additional Credit Type Awarded, ID:000596] (Foreign key - RefAdditionalCreditType)
ClassSection	RefInstructionLanguageId	int	Yes	Surrogate key from RefLanguage. The language of instruction, other than English, used in the program or course. [CEDS Element: Instruction Language, ID:000448] (Foreign key - RefLanguage)
ClassSection	VirtualIndicator	bit	Yes	Indicates a school, institution, program, or class/section focuses primarily on instruction in which students and teachers are separated by time and/or location and interact through the use of computers and/or telecommunications technologies. [CEDS Element: Virtual Indicator, ID:001160]
ClassSection	OrganizationCalendarSessionId	int	Yes	The session during which the Class/Section is held. (Foreign key - Session)
ClassSection	RefCreditTypeEarnedId	int	Yes	Foreign key - RefCreditTypeEarned
ClassSection	RelatedLearningStandards	nvarchar(60)	Yes	An indication of the state or local standard(s) addressed in the Class Section. [CEDS Element: Related Learning Standards, ID:000231]
ClassSectionAssessmentReporting	ClassSectionAssessmentReporting	int	No	Surrogate Key
ClassSectionAssessmentReporting	OrganizationId	int	Yes	Surrogate key from ClassSection.

ClassSectionAssessmentReporting	RefClassSectionAssessmentReportingMethod	int	Yes	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. [CEDS Element: Class Section Assessment Reporting Method, ID:000027]
ClassSectionLocation	ClassSectionLocationId	int	No	Surrogate Key
ClassSectionLocation	LocationId	int	No	A unique number or alphanumeric code assigned to a room by a school, school system, state, or other agency or entity. [CEDS Element: Classroom Identifier, ID:000364]
ClassSectionLocation	OrganizationId	int	No	Surrogate key from ClassSection.
ClassSectionLocation	RefInstructionLocationType	int	Yes	The type of location at which instruction or service takes place. [CEDS Element: Receiving Location of Instruction, ID:000524]
ClassSectionSchedule	ClassSectionScheduleId	int	No	Surrogate Key
ClassSectionSchedule	OrganizationId	int	No	Surrogate key from ClassSection.
ClassSectionSchedule	ClassMeetingDays	nvarchar(60)	Yes	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". [CEDS Element: Class Meeting Days, ID:000521]
ClassSectionSchedule	ClassBeginningTime	time	Yes	An indication of the time of day the class begins. [CEDS Element: Class Beginning Time, ID:000519]
ClassSectionSchedule	ClassEndingTime	time	Yes	An indication of the time of day the class ends. [CEDS Element: Class Ending Time, ID:000520]
ClassSectionSchedule	ClassPeriod	nvarchar(30)	Yes	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). [CEDS Element: Class Period, ID:000522]
ClassSectionSchedule	TimeDayIdentifier	nvarchar(30)	Yes	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"). [CEDS Element: Timetable Day Identifier, ID:000523]
CompetencyItem_CompetencySet	CompetencyItem_CompetencySetId	int	No	Surrogate Key
CompetencyItem_CompetencySet	LearningStandardItemId	int	No	Foreign key - LearningStandardItem
CompetencyItem_CompetencySet	CompetencySetId	int	No	Foreign key - CompetencySet

CompetencySet	CompetencySetId	int	No	Suggogate Key
CompetencySet	ChildOf_CompetencySet	int	Yes	Foreign key - CompetencySet (this table)
CompetencySet	CompletionCriteria	nvarchar(300)	Yes	The criteria for the set of competencies that represent completion or partial completion of a unit, course, program, degree, certification, or other achievement/award. Specifies whether completion requires achievement of all items in the set or some number of items. [CEDs Element: Competency Set Completion Criteria, ID:000877]
CompetencySet	CompletionCriteriaThresh old	int	Yes	The minimum number of competencies in the set that must be achieved for completion or partial completion of a unit, course, program, degree, certification, or other achievement/award. [CEDs Element: Competency Set Completion Criteria Threshold, ID:000878]
CoreKnowledgeArea	CoreKnowledgeAreaId	int	No	Surrogate
CoreKnowledgeArea	ProfessionalDevelopment ActivityId	int	No	Foreign key - RefProfessionalDevelopmentActivity
CoreKnowledgeArea	RefCoreKnowledgeAreaId	int	No	A description of the core knowledge areas addressed by professional development. [CEDs Element: Early Learning Core Knowledge Area, ID:000813]
Course	OrganizationId	int	No	Surrogate key from Organization.
Course	Description	nvarchar(60)	Yes	A description of the content standards and goals covered in the course. Reference may be made to state or national content standards. [CEDs Element: Course Description, ID:000517]
Course	SubjectAbbreviation	nvarchar(50)	Yes	The alphabetic abbreviation of the academic department or discipline offering the course. It is one part of the total course identifier number. [CEDs Element: Course Subject Abbreviation, ID:000066]
Course	SequenceOfCourse	nvarchar(50)	Yes	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). [CEDs Element: Sequence of Course, ID:000250]
Course	InstructionalMinutes	int	Yes	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. [CEDs Element: Instructional Minutes, ID:000499]
Course	RefCourseLevelCharacteri sticsId	int	Yes	An indication of the general nature and difficulty of instruction provided throughout a course. [CEDs Element: Course Level Characteristic, ID:000061] (Foreign key - RefCourseLevelCharacteristic)
Course	RefCourseCreditUnitId	int	Yes	The type of credit (unit, semester, or quarter) associated with the credit hours earned for the course. [CEDs Element: Course Credit Units, ID:000057] (Foreign key -

RefCourseCreditUnit)				
Course	CreditValue	decimal(9,2)	Yes	Measured in Carnegie units, the amount of credit available to a student who successfully meets the objectives of the course. [CEDS Element: Course Credit Value, ID:000058]
Course	RefInstructionLanguage	int	Yes	Surrogate key from RefLanguage. The language of instruction, other than English, used in the program or course. [CEDS Element: Instruction Language, ID:000448] (Foreign key - RefLanguage)
CteCourse	OrganizationId	int	No	Inherited surrogate key from Course.
CteCourse	RefSecondaryCourseLevelId	int	Yes	The secondary course's level of rigor. [CEDS Element: Secondary Course Level, ID:000247] (Foreign key - RefSecondaryCourseLevel)
CteCourse	RefSecondaryCourseSubjectAreaId	int	Yes	The intended major subject area of the secondary education course. [CEDS Element: Secondary Course Subject Area, ID:000248] (Foreign key - RefSecondaryCourseSubjectArea)
CteCourse	AvailableCarnegieUnitCredit	decimal(9,2)	Yes	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. [CEDS Element: Available Carnegie Unit Credit, ID:000030]
CteCourse	RefAdditionalCreditTypeId	int	Yes	The type of additional credits or units of value awarded for the completion of a course. [CEDS Element: Additional Credit Type Awarded, ID:000596] (Foreign key - RefAdditionalCreditType)
CteCourse	RefCreditTypeEarnedId	int	Yes	The type of credits or units of value awarded for the completion of a course. [CEDS Element: Credit Type Earned, ID:000072] (Foreign key - RefCreditTypeEarned)
CteCourse	HighSchoolCourseRequirement	bit	Yes	An indication that this course credit is required for a high school diploma. [CEDS Element: High School Course Requirement, ID:000137]
CteCourse	RefCourseGpaApplicabilityId	int	Yes	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. [CEDS Element: Course Grade Point Average Applicability, ID:000060] (Foreign key - RefCourseGpaApplicability)
CteCourse	CoreAcademicCourse	bit	Yes	The course meets the state definition of a core academic course. [CEDS Element: Core Academic Course, ID:000518]
CteCourse	RefCurriculumFrameworkTypeId	int	Yes	An indication of the standard curriculum used for this course. [CEDS Element: Curriculum Framework Type, ID:000712] (Foreign key - RefCurriculumFramework)

CteCourse	AlignedWithStateStandards	bit	Yes	An indication whether a course is aligned with the state's standards. [CEDS Element: Aligned with State Standards, ID:000013]
CteStudentAcademicRecord	OrganizationPersonRoleId	int	No	Inherited surrogate Key from OrganizationPersonRole.
CteStudentAcademicRecord	CreditsAttemptedCumulative	decimal(9,2)	Yes	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. [CEDS Element: Credits Attempted Cumulative, ID:000073]
CteStudentAcademicRecord	CreditsEarnedCumulative	decimal(9,2)	Yes	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. [CEDS Element: Credits Earned Cumulative, ID:000074]
CteStudentAcademicRecord	RefProfessionalTechnicalCredentialTypeId	int	Yes	An indicator of the category of credential conferred by a state occupational licensing entity or industry organization for competency in a specific area measured by a set of pre-established standards. [CEDS Element: Professional or Technical Credential Conferred, ID:000783]
CteStudentAcademicRecord	DiplomaOrCredentialAwardDate	nchar(7)	Yes	The month and year on which the diploma/credential is awarded to a student in recognition of his/her completion of the curricular requirements. [CEDS Element: Diploma or Credential Award Date, ID:000081]
DisciplineMethodFirearm	DisciplineMethodFirearmId	int	No	Surrogate Key
DisciplineMethodFirearm	OrganizationId	int	No	Surrogate key from K12 School
DisciplineMethodFirearm	RefDisciplineMethodFirearmsId	int	No	The method used to discipline students who are not children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents. [CEDS Element: Discipline Method for Firearms Incidents, ID:000555]
DisciplineMethodOfChild	DisciplineMethodOfChildId	int	No	Surrogate Key
DisciplineMethodOfChild	OrganizationId	int	No	Surrogate key from K12School.
DisciplineMethodOfChild	RefDisciplineMethodOfChildId	int	No	The type of suspension or expulsion used for the discipline of children with disabilities. [CEDS Element: Discipline Method of Children with Disabilities, ID:000538]
EarlyChildhoodCredential	PersonCredentialId	int	No	Surrogate Key
EarlyChildhoodCredential	RefEarlyChildhoodCredentialId	int	No	The credential related to early childhood education or development held by a person. [CEDS Element: Early Childhood Credential, ID:000345] (Foreign key - RefEarlyChildhoodCredential)

EarlyChildhoodProgramTypeOffered	EarlyChildhoodProgramTypeOfferedId	int	No	Surrogate Key
EarlyChildhoodProgramTypeOffered	OrganizationId	int	No	Foreign key - Organization
EarlyChildhoodProgramTypeOffered	RefEarlyChildhoodProgramTypeOfferedId	int	No	The type(s) of early childhood programs offered. [CEDs Element: Early Childhood Program Type Offered, ID:000829]
ELClassSection	OrganizationId	int	No	Surrogate key from Class Section
ELClassSection	RefServiceOptionId	int	Yes	Nature of program, class or group in which a person is enrolled. [CEDs Element: Service Option Variation, ID:000353] (Foreign key - RefServiceOption)
ELClassSection	HoursAvailablePerDay	decimal(4,2)	Yes	The number of hours per day the site or classroom is open for children to attend. [CEDs Element: Hours Available Per Day, ID:000354]
ELClassSection	DaysAvailablePerWeek	int	Yes	The number of days per week the site or classroom is open for children to attend. [CEDs Element: Days Available Per Week, ID:000355]
ELClassSection	RefEnvironmentSettingId	int	Yes	The site or setting in which a person receives care, education, and/or services are provided. [CEDs Element: Early Childhood Setting, ID:000356] (Foreign key - RefEnvironmentSetting)
ELClassSection	ELProgramAnnualOperatingWeeks	int	Yes	The number of operating weeks per year for an early learning program. [CEDs Element: Early Learning Program Annual Operating Weeks, ID:000825]
ELClassSection	LanguageTranslationPolicy	bit	Yes	Indicates that the organization or class/group has translation services available. [CEDs Element: Language Translation Policy, ID:001226]
ELClassSectionService	ELClassSectionServiceId	int	No	Surrogate Key
ELClassSectionService	OrganizationId	int	No	Foreign key - ELClassSection
ELClassSectionService	RefEarlyChildhoodEnrollmentServiceTypeId	int	Yes	The type of programs in which the child is enrolled. [CEDs Element: Early Childhood Enrollment Service Type, ID:000318] (Foreign key - RefEarlyChildhoodEnrollmentServiceType)
ELClassSectionService	YoungestAgeServed	int	Yes	The youngest age of children a class/group is authorized or licensed to serve. (Age is specified in months) [CEDs Element: Early Learning Youngest Age Authorized to Serve, ID:000633]
ELClassSectionService	OldestAgeServed	int	Yes	The oldest age of children a class/group is authorized or licensed to serve. (Age is specified in months) [CEDs Element: Early Learning Oldest Age Authorized to Serve, ID:001225]
ELClassSectionService	ServesChildrenWithSpecialNeeds	bit	Yes	An indication of whether a class or group serves children with special needs. [CEDs Element: Serves Children with Special Needs, ID:000822]

ELClassSectionService	RefELGroupSizeStandardMetId	int	Yes	An indication of whether a program meets NAEYC or NAFCC standards for infant group sizes. [CEDs Element: Early Learning Group Size Standards Met, ID:000824] (Foreign key - RefELGroupSizeStandardMet)
ELClassSectionService	RefELClassGroupCurriculumTypeId	int	Yes	The type of curriculum used in an early learning classroom or group. [CEDs Element: Early Learning Class Group Curriculum Type, ID:000823] (Foreign key - RefELClassGroupCurriculumType)
ELEnrollment	OrganizationPersonRoleId	int	No	Inherited surrogate key from OrganizationPersonRole.
ELEnrollment	ApplicationDate	date	Yes	The date on which an individual application is received by the organization. [CEDs Element: Application Date, ID:000323]
ELEnrollment	RefELServiceType	int	Yes	The type of programs in which the child is enrolled. [CEDs Element: Early Childhood Enrollment Service Type, ID:000318] (Foreign key - RefELServiceType)
ELEnrollment	EnrollmentDate	date	Yes	The date on which a person is considered officially enrolled in the program. [CEDs Element: Enrollment Date, ID:000324]
ELEnrollment	RefIDEAEnvironmentELId	int	Yes	The program in which children ages 3 through 5 attend and in which these children receive special education and related services. [CEDs Element: IDEA Educational Environment for Early Childhood, ID:000559] (Foreign key - RefIDEAEnrollmentEL)
ELEnrollment	NumberOfDaysInAttendance	decimal(8,2)	Yes	The number of days a person is present when school is in session during a given reporting period. [CEDs Element: Number of Days in Attendance, ID:000202]
ELEnrollment	RefFoodServiceParticipationId	int	Yes	An indication of a student's participation in free, reduced price, full price breakfast, lunch, snack, supper, and milk programs. [CEDs Element: Participation in School Food Service Programs, ID:000325] (Foreign key - RefFoodServiceParticipation)
ELEnrollment	RefELExperienceId	int	Yes	Type(s) of prior experience (if any) in an early childhood program. [CEDs Element: Prior Early Childhood Experience, ID:000319] (Foreign key - RefELExperience)
ELEnrollment	RefServiceOptionId	int	Yes	Nature of program, class or group in which a person is enrolled. [CEDs Element: Service Option Variation, ID:000353] (Foreign key - RefServiceOption)
ELEnrollment	ELClassSectionId	int	Yes	Foreign key - ELClassSection.
ELFacilityLicensing	ELFacilityLicensingId	int	No	Surrogate Key
ELFacilityLicensing	OrganizationId	int	No	Surrogate key from Organization
ELFacilityLicensing	RefELFacilityLicensingStatusId	int	Yes	The status of the facility license. [CEDs Element: Facility Licensing Status, ID:000984] (Foreign key - RefELFacilityLicensingStatus)
ELFacilityLicensing	StateLicensedFacilityCapacity	int	Yes	The maximum number of children for which a state licensed a facility. [CEDs Element: State Licensed Facility Capacity, ID:000865]

ELFacilityLicensing	InitialLicensingDate	date	Yes	The date on which a program or center received its initial license. [CEDS Element: Initial License Date, ID:000348]
ELFacilityLicensing	ContinuingLicenseDate	date	Yes	The date on which a program or center received its continuing license. [CEDS Element: Continuing License Date, ID:000349]
ELFacilityLicensing	RefLicenseExemptId	int	Yes	The program or center is legally exempt from licensing. [CEDS Element: License Exempt, ID:000350] (Foreign key - RefLicenseExempt)
ELOrganizationAvailability	OrganizationId	int	No	Surrogate key from Organization.
ELOrganizationAvailability	DaysAvailablePerWeek	int	Yes	The number of days per week the site, classroom, program, or classroom is available. [CEDS Element: Days Available Per Week, ID:000355]
ELOrganizationAvailability	HoursAvailablePerDay	int	Yes	The number of hours per day the site, program or classroom is open for children to attend. [CEDS Element: Hours Available Per Day, ID:000354]
ELOrganizationAvailability	YoungestAgeServed	int	Yes	The youngest age of persons the organization is authorized or licensed to serve. (Age is specified in months) [CEDS Element: Early Learning Youngest Age Authorized to Serve, ID:000633]
ELOrganizationAvailability	OldestAgeServed	int	Yes	The oldest age of persons the organization is authorized or licensed to serve. (Age is specified in months) [CEDS Element: Early Learning Oldest Age Authorized to Serve, ID:001225]
ELOrganizationAvailability	AgeUnit	nvarchar(10)	Yes	The units of measure for ages served. Typically Months or Years.
ELOrganizationAvailability	RefEnvironmentSettingId	int	Yes	The site or setting in which a person receives care, education, and/or services are provided. [CEDS Element: Early Childhood Setting, ID:000356] (Foreign key - RefEnvironmentSetting)
ELOrganizationAvailability	NumberOfClassrooms	int	Yes	The total number of classrooms for a program, facility, location, or other educational environment. [CEDS Element: Number of Classrooms, ID:000844]
ELOrganizationAvailability	RefServiceOptionId	int	Yes	Nature of program, class or group in which a person is enrolled. [CEDS Element: Service Option Variation, ID:000353] (Foreign key - RefServiceOption)
ELOrganizationAvailability	RefPopulationServedId	int	Yes	The population served by the program, class, organization, etc. [CEDS Element: Special Circumstances Population Served, ID:000852] (Foreign key - RefPopulationServed)
ELOrganizationAvailability	AnnualOperatingWeeks	int	Yes	The number of operating weeks per year for an early learning program. [CEDS Element: Early Learning Program Annual Operating Weeks, ID:000825]
ELProgramLicensing	ELProgramLicensingId	int	No	Surrogate Key
ELProgramLicensing	OrganizationId	int	No	Surrogate key from Organization

ELProgramLicensing	RefELProgamLicenseStatu sid	int	Yes	The current licensing status for an early learning program. [CEDDS Element: Early Learning Program Licensing Status, ID:000828] (Foreign key - RefELProgramLicenseStatus)
ELProgramLicensing	InitialLicenseDate	date	Yes	The date on which a program or center received its initial license. [CEDDS Element: Initial License Date, ID:000348]
ELProgramLicensing	ContinuuiingLicenseDate	date	Yes	The date on which a program or center received its continuing license. [CEDDS Element: Continuing License Date, ID:000349]
ELProgramLicensing	LicenseSuspensionStatus	bit	Yes	An indication of whether a program's license was suspended due to violations as determined by the state. [CEDDS Element: Early Learning Program License Suspension Status, ID:000837]
ELProgramLicensing	LicenseRevocationStatus	bit	Yes	An indication of whether a program's license was revoked due to violations as determined by the state. [CEDDS Element: Early Learning Program License Revocation Status, ID:000838]
ELProgramLicensing	NumberOfFatalities	int	Yes	Number of child fatalities at the program in the past year, as defined by the State [CEDDS Element: Number of Early Learning Fatalities, ID:000835]
ELProgramLicensing	NumberOfInjuries	int	Yes	Number of child injuries at the program in the past year, as defined by the State. [CEDDS Element: Number of Early Learning Injuries, ID:000836]
ELProgramLicensing	RefLicenseExemptId	int	Yes	The program or center is legally exempt from licensing. [CEDDS Element: License Exempt, ID:000350] (Foreign key - RefLicenseExempt)
ELQualityRatingImprov ement	ELQualityRatingImprovem entId	int	No	Surrogate Key
ELQualityRatingImprov ement	OrganizationId	int	No	Surrogate key from Organization.
ELQualityRatingImprov ement	NumberQrisLevels	int	Yes	Number of quality levels in the Quality Rating and Improvement System (QRIS). [CEDDS Element: Number of Quality Rating and Improvement System Levels, ID:000843]
ELQualityRatingImprov ement	QrisAwardDate	date	Yes	Date Quality Rating and Improvement System score, level or rating was awarded. [CEDDS Element: Quality Rating and Improvement System Award Date, ID:000830]
ELQualityRatingImprov ement	QRISExpirationDate	date	Yes	Date Quality Rating and Improvement System score, level or rating expires. [CEDDS Element: Quality Rating and Improvement System Expiration Date, ID:000831]
ELQualityRatingImprov ement	RefQrisParticipationId	int	Yes	Surrogate key from RefQRISParticipation. Program site participates in a Quality Rating and Improvement System (QRIS). [CEDDS Element: Quality Rating and Improvement System Participation, ID:000357]

ELQualityRatingImprovement	QrisScore	nvarchar(45)	Yes	The score, rating or level received by a program for its Quality Rating and Improvement System (QRIS). [CEDS Element: Quality Rating and Improvement System Score, ID:000358]
ELStaff	OrganizationPersonRoleId	int	No	Inherited surrogate key from OrganizationPersonRole.
ELStaff	RefChildDevelopmentAssociateTypeId	int	Yes	Type of Child Development Associate credential as defined by options. [CEDS Element: Child Development Associate Type, ID:000806] (Foreign key - RefChildDevAssociateType)
ELStaff	RefEducationStaffClassificationId	int	Yes	The titles of employment, official status, or rank of education staff. [CEDS Element: Education Staff Classification, ID:000087] (Foreign key - RefEduStaffClassification)
ELStaffEducation	OrganizationPersonRoleId	int	No	PK
ELStaffEducation	ECDegreeOrCertificateHolder	bit	Yes	Staff has a degree in early childhood regardless of level. [CEDS Element: Early Childhood Degree or Certificate Holder, ID:000789]
ELStaffEducation	TotalCollegeCreditsEarned	decimal(10,2)	Yes	Total number of college credits earned, including all credits within a degree and outside a degree, regardless of whether they all are early childhood credits. [CEDS Element: Early Learning Staff Total College Credits Earned, ID:000792]
ELStaffEducation	RefELLevelOfSpecializationId	int	Yes	The extent to which a person concentrates upon a particular subject matter area during his or her period of study at an educational institution. [CEDS Element: Level of Specialization in Early Learning, ID:000341]
ELStaffEducation	TotalApprovedECCreditsEarned	decimal(10,2)	Yes	Total semester credits earned in early childhood regardless of whether credits are earned as part of an early childhood degree program, other degree program or outside of a degree program. [CEDS Element: Total Approved Early Childhood Credits Earned, ID:001086]
ELStaffEducation	ApprovedCreditsEarnedNonECE	decimal(10,2)	Yes	Total semester credits earned by professionals who do not possess an early childhood degree. [CEDS Element: Approved Early Childhood Credits Earned By a Non-ECE Degree Holder, ID:000791]
ELStaffEducation	SchoolAgeEducationPSCredits	decimal(10,2)	Yes	The number of college course credit hours an individual has successfully completed that are related to K-12 education, parks and recreation, and juvenile justice. [CEDS Element: Number of School-age Education Postsecondary Credit Hours, ID:000816]
ELStaffEducation	BusinessRelatedPSCredits	decimal(10,2)	Yes	The number of college course credit hours an individual has successfully completed that are related to business. [CEDS Element: Number of Business-related Postsecondary Credit Hours, ID:000817]
ELStaffEmployment	StaffEmploymentId	int	No	Inherited surrogate key from StaffEmployment.
ELStaffEmployment	RefEducationStaffClassificationId	int	Yes	The titles of employment, official status, or rank of education staff. [CEDS Element: Education Staff Classification, ID:000087] (Foreign key - RefEduStaffClassification)

ELStaffEmployment	RefEmploymentStatusId	int	Yes	The condition under which a person has agreed to serve an employer. [CEDS Element: Employment Status, ID:000347] (Foreign key - RefEmploymentStatus)
ELStaffEmployment	HoursWorkedPerWeek	decimal(5,2)	Yes	The number of hours worked per week in employment. [CEDS Element: Hours Worked Per Week, ID:000796]
ELStaffEmployment	HourlyWage	decimal(5,2)	Yes	Hourly wage associated with the employment position being reported. [CEDS Element: Hourly Wage, ID:000797]
ELStaffEmployment	RefWageCollectionMethodId	int	Yes	Method used for the collection of wage data for an employment record. [CEDS Element: Wage Collection Code, ID:000798] (Foreign key - RefWageCollectionMethod)
ELStaffEmployment	RefWageVerificationId	int	Yes	An indication of whether the wage information has been verified. [CEDS Element: Wage Verification Code, ID:000819] (Foreign key - RefWageVerification)
ELStaffEmployment	UnionMembershipStatus	bit	Yes	An indication of whether the person is a member of a union. [CEDS Element: Union Membership Status, ID:000799]
Facility	LocationId	int	No	Surrogate Key
Facility	Identifier	nvarchar(40)	Yes	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). [CEDS Element: Facilities Identifier, ID:000504]
Facility	BuildingName	nvarchar(60)	Yes	The full, legally accepted or popularly accepted name of a building. [CEDS Element: Facility Building Name, ID:001205]
Facility	SpaceDescription	nvarchar(300)	Yes	A description of the space, as determined by its physical layout and built-in systems and equipment. [CEDS Element: Facility Space Description, ID:001207]
Facility	RefSpaceUseTypeId	int	Yes	The primary use of a space, as determined by its physical layout and built-in systems and equipment, regardless of its original design. [CEDS Element: Facility Space Use Type, ID:001208]
Facility	BuildingSiteNumber	nvarchar(30)	Yes	The number of the building on the site, if more than one building shares the same address. [CEDS Element: Building Site Number, ID:000602]
Facility	RefBuildingUseTypeId	int	Yes	How a building is principally used, regardless of its original design. [CEDS Element: Building Use Type, ID:001206]
FinancialAidApplication	FinancialAidApplicationId	int	No	Surrogate Key
FinancialAidApplication	OrganizationPersonRoleId	int	No	Foreign key - OrganizationPersonRole

FinancialAidApplication	RefFinancialAidApplicationTypeId	int	No	The type of financial application completed by an individual. [CEDs Element: Financial Aid Application Type, ID:001223] (Foreign key - RefFinancialAidApplicationType)
FinancialAidAward	FinancialAidAwardId	int	No	Surrogate Key
FinancialAidAward	OrganizationPersonRoleId	int	No	Surrogate key from OrganizatinPersonRole
FinancialAidAward	RefFinancialAidAwardTypeId	int	Yes	The classification of financial aid awarded to a person for the academic term/year. [CEDs Element: Financial Aid Award Type, ID:000113] (Foreign key - RefFinancialAidAwardType)
FinancialAidAward	RefFinancialAidStatusId	int	Yes	An indication of whether the financial aid type being reported is aid that has been awarded, accepted or dispersed. [CEDs Element: Financial Aid Award Status, ID:000363] (Foreign key - RefFinancialAidStatus)
FinancialAidAward	FinancialAidAwardAmount	decimal(9,2)	Yes	The amount of financial aid awarded to a person for the term/year. [CEDs Element: Financial Aid Award Amount, ID:000112]
IDEADisciplineMethodFirearm	IDEADisciplineMethodFirearmId	int	No	Surrogate Key
IDEADisciplineMethodFirearm	OrganizationId	int	No	Surrogate key from K12 School
IDEADisciplineMethodFirearm	RefIDEADisciplineMethodFirearmId	int	No	The methods used to discipline students who are children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents. [CEDs Element: IDEA Discipline Method for Firearms Incidents, ID:000556]
Incident	IncidentId	int	No	Surrogate Key
Incident	IncidentIdentifier	nvarchar(40)	Yes	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. [CEDs Element: Incident Identifier, ID:000501]
Incident	IncidentDate	date	Yes	The date on which the incident occurred. [CEDs Element: Incident Date, ID:000502]
Incident	IncidentTime	time	Yes	An indication of the time of day the incident took place. [CEDs Element: Incident Time, ID:000503]
Incident	RefIncidentTimeDescriptionCodeId	int	Yes	A code for the description of the time of day that an incident took place. [CEDs Element: Incident Time Description Code, ID:000515]
Incident	IncidentDescription	nvarchar(max)	Yes	The description for an incident. [CEDs Element: Incident Description, ID:000508]
Incident	RefIncidentBehaviorId	int	Yes	Categories of behavior coded for use in describing an incident. [CEDs Element: Incident Behavior, ID:000509]

Incident	RefIncidentBehaviorSecondaryId	int	Yes	Supplemental information about an incident when the primary offense is more serious in nature than alcohol or drug, etc. offenses. [CEDS Element: Secondary Incident Behavior, ID:000627]
Incident	RefIncidentInjuryTypeId	int	Yes	An indication of the occurrence of physical injury to participants involved in the incident and, if so, the level of injury sustained. [CEDS Element: Incident Injury Type, ID:000510]
Incident	RefWeaponTypeId	int	Yes	Identifies the type of weapon used during an incident. [CEDS Element: Weapon Type, ID:001211]
Incident	IncidentCost	nvarchar(30)	Yes	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. [CEDS Element: Incident Cost, ID:000505]
Incident	StudentId	int	Yes	Foreign key - OrganizationPersonRoleId.
Incident	IncidentReporterId	int	Yes	Surrogate key from PersonTable for the reporter. 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. [CEDS Element: Reporter Identifier, ID:000507]
Incident	RefIncidentReporterTypeId	int	Yes	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"). [CEDS Element: Incident Reporter Type, ID:000506]
Incident	RefIncidentLocationId	int	Yes	Identifies where the incident occurred and whether or not it occurred on campus. [CEDS Element: Incident Location, ID:000617]
Incident	RefFirearmTypeId	int	Yes	The type of firearm. [CEDS Element: Firearm Type, ID:000557]
IndividualizedProgram	IndividualizedProgramId	int	No	Surrogate key
IndividualizedProgram	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole.
IndividualizedProgram	RefIndividualizedProgramDateType	int	Yes	An indication of the significance of a date to an individualized program. [CEDS Element: Individualized Program Date Type, ID:001231] (Foreign key - RefIndividualizedProgramDateType)
IndividualizedProgram	IndividualizedProgramDate	date	Yes	The date on which the status of an individualized program for a student is significantly altered. [CEDS Element: Individualized Program Date, ID:001232]
IndividualizedProgram	NonInclusionMinutesPerWeek	int	Yes	The number of minutes per week that a student with disabilities is served in a regular classroom with his or her non-disabled peers. [CEDS Element: Individualized Program NonInclusion Minutes Per Week, ID:001233]

IndividualizedProgram	InclusionMinutesPerWeek	int	Yes	The number of minutes per week that a student with disabilities is served in a special education setting separate from his or her non-disabled peers. [CEDS Element: Individualized Program Inclusion Minutes Per Week, ID:001234]
IndividualizedProgram	RefIndividualizedProgramTransitionTypeId	int	Yes	The post-school transition plan for the student recorded on their Individualized Education Program. [CEDS Element: Individualized Program Transition Plan Type, ID:001235] (Foreign key - RefIndividualizedProgramTransitionType)
IndividualizedProgram	RefIndividualizedProgramTypeId	int	Yes	A designation of the type of program developed for a student. [CEDS Element: Individualized Program Type, ID:000320] (Foreign key - RefIndividualizedProgramType)
IndividualizedProgram	ServicePlanDate	date	Yes	The date on which the status of the service plan for a child is established or significantly altered. [CEDS Element: Individualized Program Service Plan Date, ID:001236]
IndividualizedProgram	RefIndividualizedProgramLocationId	int	Yes	The place in which a child's service plan meeting is held. [CEDS Element: Individualized Program Service Plan Meeting Location, ID:001237] (Foreign key - RefIndividualizedProgramLocation)
IndividualizedProgram	ServicePlanMeetingParticipants	nvarchar(4000)	Yes	The position titles of individuals who attend the service plan meeting. [CEDS Element: Individualized Program Service Plan Meeting Participants, ID:001238]
IndividualizedProgram	ServicePlanSignedBy	nvarchar(4000)	Yes	The position titles of individuals who sign a written service plan. [CEDS Element: Individualized Program Service Plan Signed By, ID:001239]
IndividualizedProgram	ServicePlanSignatureDate	date	Yes	The date on which the service plan document is signed. [CEDS Element: Individualized Program Service Plan Signature Date, ID:001240]
IndividualizedProgram	ServicePlanReevaluationDate	date	Yes	Date student will be reevaluated for continued placement in a support program(s). [CEDS Element: Individualized Program Service Plan Reevaluation Date, ID:001241]
IndividualizedProgram	RefStudentSupportServiceTypeId	int	Yes	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. [CEDS Element: Student Support Service Type, ID:000273] (Foreign key - RefStudentSupportServiceType)
K12Course	OrganizationId	int	No	Surrogate key from Course.

K12Course	RefPriorToSecondarySubjectId	int	Yes	A classification of related courses or units of courses provided for students of elementary and middle school levels. The two character code is used as the first two digits of the School Codes for Exchanged of Data that uniquely identify any course. [CEDS Element: Prior to Secondary Course Subject Area, ID:001159] (Foreign key - RefPriorToSecondarySubject)
K12Course	RefSecondaryCourseSubjectAreaId	int	Yes	The intended major subject area of the secondary education course. [CEDS Element: Secondary Course Subject Area, ID:000248] (Foreign key - RefSecondaryCourseSubjectArea)
K12Course	RefSecondaryCourseLevelId	int	Yes	The secondary course's level of rigor. [CEDS Element: Secondary Course Level, ID:000247] (Foreign key - RefSecondaryCourseLevel)
K12Course	HighSchoolCourseRequirement	bit	Yes	An indication that this course credit is required for a high school diploma. [CEDS Element: High School Course Requirement, ID:000137]
K12Course	RefAdditionalCreditTypeId	int	Yes	The type of additional credits or units of value awarded for the completion of a course. [CEDS Element: Additional Credit Type Awarded, ID:000596] (Foreign key - RefAdditionalCreditType)
K12Course	AvailableCarnegieUnitCredit	decimal(9,2)	Yes	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. [CEDS Element: Available Carnegie Unit Credit, ID:000030]
K12Course	RefCourseGpaApplicabilityId	int	Yes	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. [CEDS Element: Course Grade Point Average Applicability, ID:000060] (Foreign key - RefCourseGpaApplicability)
K12Course	CoreAcademicCourse	bit	Yes	The course meets the state definition of a core academic course. [CEDS Element: Core Academic Course, ID:000518]
K12Course	RefCurriculumFrameworkTypeId	int	Yes	An indication of the standard curriculum used for this course. [CEDS Element: Curriculum Framework Type, ID:000712] (Foreign key - RefCurriculumFramework)
K12Course	AlignedWithStateStandards	bit	Yes	An indication whether a course is aligned with the state's standards. [CEDS Element: Aligned with State Standards, ID:000013]
K12Course	RefCreditTypeEarnedId	int	No	Foreign key - RefCreditTypeEarned
K12Lea	OrganizationId	int	No	Inherited surrogate key from Organization.

K12Lea	RefLeaTypeId	int	Yes	The classification of education agencies within the geographic boundaries of a state according to the level of administrative and operational control. [CEDS Element: Local Education Agency Type, ID:000537] (Foreign key - RefLeaType)
K12Lea	SupervisoryUnionIdentificationNumber	nchar(3)	Yes	The three-digit unique identifier assigned to the supervisory union by the state. [CEDS Element: Local Education Agency Supervisory Union Identification Number, ID:000175]
K12Lea	RefLEAImprovementStatusId	int	Yes	An indication of the improvement stage for AYP of the local education agency (LEA). [CEDS Element: Local Education Agency Improvement Status, ID:000173] (Foreign key - RefLEAImprovementStatus)
K12Lea	RefPublicSchoolChoiceStatusId	int	Yes	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. [CEDS Element: Public School Choice Implementation Status, ID:000227] (Foreign key - RefPublicSchoolChoiceStatus)
K12LeaFederalFunds	OrganizationId	int	No	Inherited surrogate key from K12Lea.
K12LeaFederalFunds	FederalProgramsFundingAllocation	decimal(12,2)	Yes	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). [CEDS Element: Federal Programs Funding Allocation, ID:000549]
K12LeaFederalFunds	RefFederalProgramFundingAllocationTypeId	int	Yes	The type of federal program funding allocation or distribution made. [CEDS Element: Federal Programs Funding Allocation Type, ID:000548] (Foreign key - RefFederalProgramFundingAllocation)
K12LeaFederalFunds	FundsTransferAmount	decimal(12,2)	Yes	The total amount of FY appropriated funds transferred from and to each eligible program. [CEDS Element: Funds Transfer Amount, ID:000452]
K12LeaFederalFunds	InnovativeProgramsFundsReceived	decimal(12,2)	Yes	The total Title V, Part A funds received by LEAs. [CEDS Element: Innovative Programs Funds Received, ID:000464]
K12LeaFederalFunds	InnovativeDollarsSpent	decimal(12,2)	Yes	The total Title V, Part A funds expended by LEAs. [CEDS Element: Innovative Dollars Spent, ID:000461]
K12LeaFederalFunds	InnovativeDollarsSpentOnStrategicPriorities	decimal(12,2)	Yes	The total amount of Title V, Part A funds expended by LEAs for the four strategic priorities. [CEDS Element: Innovative Dollars Spent on Strategic Priorities, ID:000462]
K12LeaFederalFunds	LeaTransferabilityOfFunds	bit	Yes	LEA notified the State that they were transferring funds under the LEA Transferability authority of Section 6123(b). [CEDS Element: Local Education Agency Transferability of Funds, ID:000446]
K12LeaFederalFunds	RefLeaFundsTransferTypeId	int	Yes	An indication of the type of transfer for an LEAs that transferred funds from an eligible program to another eligible program. [CEDS Element: Local Education Agency Funds Transfer Type, ID:000451] (Foreign key - RefLeaFundsTransferType)

K12LeaFederalFunds	PublicSchoolChoiceFundsSpent	decimal(12,2)	Yes	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. [CEDs Element: Public School Choice Funds Spent, ID:000568]
K12LeaFederalFunds	SchoolImprovementReservedPercent	decimal(5,2)	Yes	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. [CEDs Element: School Improvement Reserved Funds Percentage, ID:000479]
K12LeaFederalFunds	SchoolImprovementAllocation	decimal(12,2)	Yes	The amount of Section 1003(a) and 1003(g) allocations to LEAs and Schools. [CEDs Element: School Improvement Allocation, ID:000480]
K12LeaFederalFunds	SesFundsSpent	decimal(12,2)	Yes	The dollar amount spent on supplemental educational services during the school year under Title I, Part A, Section 1116 of ESEA as amended. [CEDs Element: Supplemental Educational Services Funds Spent, ID:000567]
K12LeaFederalFunds	SesPerPupilExpenditure	decimal(12,2)	Yes	The maximum dollar amount that may be spent per child for expenditures related to supplemental educational services under Title I of the ESEA. [CEDs Element: Supplemental Educational Services Per Pupil Expenditure, ID:000575]
K12LeaFederalFunds	SesSchoolChoice20PercentObligation	decimal(12,2)	Yes	The dollar amount of the 20 percent reservation for supplemental educational services and choice-related transportation. [CEDs Element: Supplemental Education Services Public School Choice Twenty Percent Obligation, ID:000574]
K12LeaFederalFunds	RefRlisProgramUseld	int	Yes	The type of use of the Rural Low-Income Schools Program (RLIS) (Title VI, Part B, Subpart 2) Grant Funds. [CEDs Element: Type of Use of the Rural Low-Income Schools Program, ID:000486] (Foreign key - RefRlisProgramUse)
K12LeaFederalFunds	RefReapAlternativeFundingStatusId	int	Yes	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. [CEDs Element: Rural Education Achievement Program Alternative Funding Status, ID:000560] (Foreign key - RefReapAlternativeFundingStatus)
K12LeaFederalFunds	NumberOfImmigrantProgramSubgrants	int	Yes	The number of immigrant program [3114(d)(1)] subgrants. [CEDs Element: Number of Immigrant Program Subgrants, ID:000470]
K12LeaFederalReporting	OrganizationId	int	No	Inherited surrogate key from K12Lea.
K12LeaFederalReporting	RefBarrierToEducatingHomelessId	int	Yes	Barriers to the enrollment and success of homeless children and youths. [CEDs Element: Barrier to Educating Homeless, ID:000449] (Foreign key - RefBarrierToEducatingHomeless)

K12LeaFederalReporting	DesegregationOrderOrPlan	bit	Yes	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. [CEDS Element: Desegregation Order or Plan, ID:000080]
K12LeaFederalReporting	HarassmentOrBullyingPolicy	bit	Yes	An indication of whether the education unit has adopted written policy prohibiting harassment and bullying on the basis of a civil rights law. [CEDS Element: Harassment or Bullying Policy Status, ID:000135]
K12LeaFederalReporting	RefIntegratedTechnologyStatusId	int	Yes	An indication of the extent to which the district has effectively and fully integrated technology, as defined by the state. [CEDS Element: Integrated Technology Status, ID:000170] (Foreign key - RefIntegratedTechnologyStatus)
K12LeaFederalReporting	StateAssessmentAdminFunding	decimal(5,2)	Yes	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. [CEDS Element: State Assessment Administration Funding, ID:000454]
K12LeaFederalReporting	StateAssessStandardsFunding	decimal(5,2)	Yes	The percentage of funds used to pay the costs of the development of the State assessments and standards required by section 1111(b). [CEDS Element: State Assessment Standards Funding, ID:000453]
K12LeaFederalReporting	TerminatedTitleIIIProgramFailure	bit	Yes	An indication of whether a Title III programs or activities was terminated due to failure to meet goals. [CEDS Element: Terminated Title III Programs Due to Failure, ID:000482]
K12LeaFederalReporting	InterscholasticSportsMaleOnly	int	Yes	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. [CEDS Element: Interscholastic Sports - Male Only, ID:000653]
K12LeaFederalReporting	InterscholasticSportsFemaleOnly	int	Yes	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. [CEDS Element: Interscholastic Sports - Female Only, ID:000654]
K12LeaFederalReporting	InterscholasticTeamsMaleOnly	int	Yes	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. [CEDS Element: Interscholastic Teams - Male Only, ID:000655]
K12LeaFederalReporting	InterscholasticTeamsFemaleOnly	int	Yes	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. [CEDS Element: Interscholastic Teams - Female Only, ID:000656]

K12LeaFederalReporting	InterscholasticSportParticipantsMale	int	Yes	The number of male students who participated on an interscholastic team. A student should be counted once for each team he was on. [CEDS Element: Interscholastic Sport Participants - Male Only, ID:000657]
K12LeaFederalReporting	InterscholasticSportParticipantsFemale	int	Yes	The number of female students who participated on an interscholastic team. A student should be counted once for each team she was on. [CEDS Element: Interscholastic Sport Participants - Female Only, ID:000658]
K12LeaPreKEligibility	K12LEAPreKEligibilityId	int	No	Surrogate Key
K12LeaPreKEligibility	OrganizationId	int	No	Foreign key - K12LEA
K12LeaPreKEligibility	RefPrekindergartenEligibilityId	int	No	The groups of students for whom pre-kindergarten programs are available. [CEDS Element: Pre-kindergarten Eligibility, ID:000216] (Foreign key - RefPrekindergartenEligibility)
K12LeaPreKEligibleAgeSIDEA	K12LEAPreKEligibleAgesIDEAId	int	No	Surrogate Key
K12LeaPreKEligibleAgeSIDEA	OrganizationId	int	No	Surrogate key from K12LEA
K12LeaPreKEligibleAgeSIDEA	RefPreKEligibleAgesNonIDEAId	int	No	The ages of children not served under IDEA to whom the LEA's pre-kindergarten services are available. [CEDS Element: Pre-kindergarten Eligible Ages for Non-IDEA Students, ID:000217] (Foreign key - RefPreKEligibleAgesNonIDEA)
K12LeaSafeDrugFree	OrganizationId	int	No	Inherited surrogate key from K12Lea.
K12LeaSafeDrugFree	Baseline	nvarchar(60)	Yes	The baseline of the performance indicator of student behavior under the Safe and Drug-Free Schools and Communities Act. [CEDS Element: Safe and Drug Free Baseline, ID:000477]
K12LeaSafeDrugFree	BaselineYear	nvarchar(20)	Yes	The academic year the baseline was established. [CEDS Element: Safe and Drug Free Baseline Year, ID:000478]
K12LeaSafeDrugFree	CollectionFrequency	nvarchar(60)	Yes	The frequency of data collection for performance indicator under the Safe and Drug-Free Schools and Communities Act. [CEDS Element: Safe and Drug Free Collection Frequency, ID:000473]
K12LeaSafeDrugFree	IndicatorName	nvarchar(60)	Yes	The name of the performance indicator for student behaviors under the Safe and Drug-Free Schools and Communities Act. [CEDS Element: Safe and Drug Free Indicator Name, ID:000471]
K12LeaSafeDrugFree	Instrument	nvarchar(100)	Yes	The instrument or data source for reported performance indicator of student behavior under the Safe and Drug-Free Schools and Communities Act. [CEDS Element: Safe and Drug Free Instrument, ID:000472]
K12LeaSafeDrugFree	Performance	nvarchar(20)	Yes	Actual performance for the given indicator of student behavior under the Safe and Drug-Free Schools and Communities Act [CEDS Element: Safe and Drug Free Performance, ID:000476]

K12LeaSafeDrugFree	Target	nvarchar(20)	Yes	The targeted performance for the given indicator of student behavior under the Safe and Drug-Free Schools and Communities Act. [CEDS Element: Safe and Drug Free Target, ID:000475]
K12LeaSafeDrugFree	MostRecentCollection	nvarchar(20)	Yes	The academic year of the most recent collection of the performance indicator under the Sage and Drug-Free Schools and Communities Act. [CEDS Element: Safe and Drug Free Year Most Recent Collection, ID:000474]
K12LeaTitleIIIProfessionalDevelopment	K12LEATitleIIIProfessionalDevelopmentId	int	No	Surrogate Key
K12LeaTitleIIIProfessionalDevelopment	OrganizationId	int	No	Surrogate key from K12LEA
K12LeaTitleIIIProfessionalDevelopment	RefTitleIIIProfessionalDevelopmentTypeld	int	No	The type of Title III professional development utilized. [CEDS Element: Title III Professional Development Type, ID:000487]
K12LeaTitleISupportService	K12LeaTitleISupportServiceId	int	No	Surrogate Key
K12LeaTitleISupportService	OrganizationId	int	No	Foreign key - K12LEA
K12LeaTitleISupportService	RefK12LeaTitleISupportServiceId	int	No	The type of support services provided to students in Title I programs. [CEDS Element: Title I Support Services, ID:000289] (Foreign key - RefK12LeaTitleISupportService)
K12OrganizationStudentResponsibility	K12OrganizationStudentResponsibilityId	int	No	Surrogate Key
K12OrganizationStudentResponsibility	OrganizationPersonRoleId	int	No	Surrogate key - OrganizationPersonRole
K12OrganizationStudentResponsibility	RefK12ResponsibilityTypeId	int	No	The type of services/instruction the organization is responsible for the student. [CEDS Elements: Responsible School Type (000595), Responsible School Identifier (000638), Responsible District Type (000594), Responsible District Identifier (000637)] (Foreign key - RefK12Responsibility)
K12ProgramOrService	OrganizationId	int	No	Surrogate key from K12LEA.
K12ProgramOrService	RefPrekindergartenDailyLengthId	int	Yes	The portion of a day that a pre-kindergarten program is provided to the students it serves. [CEDS Element: Prekindergarten Daily Length, ID:000490] (Foreign key - RefProgramDayLength)
K12ProgramOrService	RefKindergartenDailyLengthId	int	Yes	The portion of a day that a kindergarten program is provided to the students it serves. [CEDS Element: Kindergarten Daily Length, ID:000491] (Foreign key - RefProgramDayLength)
K12ProgramOrService	RefProgramGiftedEligibilityId	int	Yes	State/local code used to determine eligibility for Gifted/Talented program. [CEDS Element: Program Gifted Eligibility Criteria, ID:001244] (Foreign key -

RefProgramGiftedEligibility)				
K12ProgramOrService	RefMepSessionTypeid	int	Yes	The time of year that a Migrant Education Program operates. [CEDS Element: Migrant Education Program Session Type, ID:000187] (Foreign key - RefMepSessionType)
K12ProgramOrService	RefMepProjectTypeid	int	Yes	Type of project funded in whole or in part by MEP funds. [CEDS Element: Migrant Education Program Project Type, ID:000463] (Foreign key - RefMepProjectType)
K12ProgramOrService	ProgramInMultiplePurposesFacility	bit	Yes	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. [CEDS Element: Program in Multiple Purpose Facility, ID:000485]
K12ProgramOrService	RefTitleInstructionalServicesId	int	Yes	The type of instructional services provided to students in ESEA Title I programs. [CEDS Element: Title I Instructional Services, ID:000282] (Foreign key - RefTitleInstructionalServices)
K12ProgramOrService	RefTitleProgramTypeid	int	Yes	The type of Title I program offered in the school or district. [CEDS Element: Title I Program Type, ID:000284] (Foreign key - RefTitleProgramType)
K12School	OrganizationId	int	No	Inherited surrogate key from Organization.
K12School	RefSchoolTypeid	int	Yes	The type of education institution as classified by its primary focus. [CEDS Element: School Type, ID:000242] (Foreign key - RefSchoolType)
K12School	RefSchoolLevelId	int	Yes	An indication of the level of the education institution. [CEDS Element: School Level, ID:000241] (Foreign key - RefSchoolLevel)
K12School	RefAdministrativeFundingControlId	int	Yes	The type of education institution as classified by its funding source. [CEDS Element: Administrative Funding Control, ID:000012] (Foreign key - RefAdminFundingControl)
K12School	CharterSchoolIndicator	bit	Yes	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. [CEDS Element: Charter School Indicator, ID:000039]
K12School	RefCharterSchoolTypeid	int	Yes	Surrogate key from RefCharterSchoolType. The category of charter school. [CEDS Element: Charter School Type, ID:000710]
K12School	RefIncreasedLearningTimeTypeid	int	Yes	The types of increased learning time provided. [CEDS Element: Increased Learning Time Type, ID:000164]
K12School	RefStatePovertyDesignationId	int	Yes	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. [CEDS Element: State Poverty Designation, ID:000585]

K12SchoolCorrectiveAction	K12SchoolCorrectiveActionId	int	No	Surrogate Key
K12SchoolCorrectiveAction	OrganizationId	int	No	Foreign key - K12 School
K12SchoolCorrectiveAction	RefCorrectiveActionTypeId	int	No	The types of corrective actions under ESEA as amended. [CEDS Element: Corrective Action Type, ID:000049] (Foreign key - RefCorrectiveActionType)
K12SchoolGradeOffered	K12SchoolGradeOfferedId	int	No	Surrogate Key
K12SchoolGradeOffered	OrganizationId	int	No	Foreign key - K12 School.
K12SchoolGradeOffered	RefGradeLevelId	int	No	The specific grade or combination of grades offered by an education institution. [CEDS Element: Grades Offered, ID:000131] (Foreign key - RefGradeLevel)
K12SchoolImprovement	K12SchoolImprovementId	int	No	Surrogate Key.
K12SchoolImprovement	OrganizationId	int	No	Foreign key - K12School.
K12SchoolImprovement	RefSchoolImprovementStatusId	int	Yes	An indication of the improvement stage of the school. [CEDS Element: School Improvement Status, ID:000240] (Foreign key - RefSchoolImprovementStatus)
K12SchoolImprovement	RefSchoolImprovementFundsId	int	Yes	An indication of whether the school received funds under Section 1003 of ESEA, as amended. [CEDS Element: School Improvement Funds Status, ID:000238]
K12SchoolImprovement	RefSigInterventionTypeId	int	Yes	The type of intervention used by the school under the School Improvement Grant (SIG). [CEDS Element: School Improvement Grant Intervention Type, ID:000239] (Foreign key - RefSigInterventionType)
K12SchoolImprovement	SchoolImprovementExitDate	date	Yes	Date the school exited school improvement status. [CEDS Element: School Improvement Exit Date, ID:000481]
K12SchoolStatus	OrganizationId	int	No	Inherited surrogate key from K12School.
K12SchoolStatus	RefMagnetSpecialProgramId	int	Yes	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). [CEDS Element: Magnet or Special Program Emphasis School, ID:000181] (Foreign key - RefMagnetSpecialProgram)

K12SchoolStatus	RefAlternativeSchoolFocusId	int	Yes	An indication of the specific group of students whose needs the alternative school is designed to meet. [CEDS Element: Alternative School Focus Type, ID:000015] (Foreign key - RefAlternativeSchoolFocus)
K12SchoolStatus	RefInternetAccessId	int	Yes	The type of internet access available. [CEDS Element: Internet Access, ID:000587] (Foreign key - RefInternetAccess)
K12SchoolStatus	RefRestructuringActionId	int	Yes	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). [CEDS Element: Restructuring Action, ID:000232] (Foreign key - RefRestructuringAction)
K12SchoolStatus	RefTitleSchoolStatusId	int	Yes	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. [CEDS Element: Title I School Status, ID:000285] (Foreign key - RefTitleSchoolStatus)
K12SchoolStatus	ConsolidatedMepFundsStatus	bit	Yes	An indication of whether the school has a school-wide 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. [CEDS Element: Consolidated Migrant Education Program Funds Status, ID:000542]
K12Sea	OrganizationId	int	No	Inherited surrogate key from Organization.
K12Sea	RefStateANSIcode	char	Yes	The American National Standards Institute (ANSI) two-digit code for the state. [CEDS Element: State ANSI Code, ID:000424] (Foreign key - RefStateANSIcode)
K12SeaAlternateFundUse	K12SEAlternateFundUseId	int	No	Surrogate Key
K12SeaAlternateFundUse	OrganizationId	int	No	Surrogate key from K12SEAFederalFunds
K12SeaAlternateFundUse	RefAlternateFundUsesId	int	No	Purposes that funds available under ESEA section 6111 (Grants for State Assessments and Related Activities) were used for purposes other than the costs of the development of the State assessments and standards required by section 1111(b). [CEDS Element: Uses of Funds for Purposes other than Standards and Assessment Development, ID:000459] (Foreign key - RefAlternateFundUse)
K12SeaFederalFundAllocation	K12SEAFederalFundAllocationId	int	No	Surrogate Key
K12SeaFederalFundAllocation	OrganizationId	int	No	Foreign key - K12Sea

K12SeaFederalFundAllocation	FederalProgramCode	nvarchar(10)	No	The unique five-digit number assigned to each federal program as listed in the Catalog of Federal Domestic Assistance (CFDA) Programs. See http://www.cfda.gov/ . [CEDS Element: Federal Program Code, ID:000547]
K12SeaFederalFundAllocation	RefFederalProgramFundingAllocationType	int	Yes	The type of federal program funding allocation or distribution made. [CEDS Element: Federal Programs Funding Allocation Type, ID:000548] (Foreign key - RefFederalProgramFundingAllocationType)
K12SeaFederalFundAllocation	FederalProgramsFundingAllocation	decimal(18,2)	Yes	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). [CEDS Element: Federal Programs Funding Allocation, ID:000549]
K12SeaFederalFunds	OrganizationId	int	No	Inherited surrogate key from K12SEA
K12SeaFederalFunds	StateTransferabilityOfFunds	bit	Yes	Did the State transfer funds under the State Transferability authority of Section 6123(a) [CEDS Element: State Transferability of Funds, ID:000445]
K12SeaFederalFunds	DateStateReceivedTitleIIIAllocation	date	Yes	Annual date the State receives the Title III allocation from U.S. Department of Education (ED). [CEDS Element: Date State Received Title III Allocation, ID:000455]
K12SeaFederalFunds	DateTitleIIIFundsAvailableToSubgrantees	date	Yes	Annual date that Title III funds are available to approved subgrantees. [CEDS Element: Date Title III Funds Available to Subgrantees, ID:000456]
K12SeaFederalFunds	NumberOfDaysForTitleIIISubgrants	decimal(6,2)	Yes	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. [CEDS Element: Number of Days for Title III Subgrants, ID:000457]
K12StaffAssignment	OrganizationPersonRoleId	int	No	Inherited surrogate key from OrganizationPersonRole.
K12StaffAssignment	RefEducationStaffClassificationId	int	Yes	The titles of employment, official status, or rank of education staff. [CEDS Element: Education Staff Classification, ID:000087] (Foreign key - RefEduStaffClassification)
K12StaffAssignment	RefProfessionalEducationJobClassificationId	int	Yes	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. [CEDS Element: Professional Educational Job Classification, ID:000220] (Foreign key - RefProfessionalEducationJobClassification)
K12StaffAssignment	RefTeachingAssignmentRoleId	int	Yes	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.) [CEDS Element: Teaching Assignment Role, ID:000648] (Foreign key - RefTeachingAssignmentRole)

K12StaffAssignment	PrimaryAssignment	bit	Yes	An indication of whether the assignment is this the staff member's primary assignment. [CEDS Element: Primary Assignment Indicator, ID:000525]
K12StaffAssignment	TeacherOfRecord	bit	Yes	Staff member who has a Teacher of Record responsibility for a Class Section based upon the state's definition of Teacher of Record. [CEDS Element: Teacher of Record, ID:000647]
K12StaffAssignment	RefClassroomPositionType	int	Yes	The type of position the staff member holds in the specific class/section. [CEDS Element: Classroom Position Type, ID:000622] (Foreign key - RefClassroomPositionType)
K12StaffAssignment	FullTimeEquivalency	decimal(5,4)	Yes	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. [CEDS Element: Staff Full Time Equivalency, ID:000118]
K12StaffAssignment	ContributionPercentage	decimal(5,2)	Yes	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. [CEDS Element: Teaching Assignment Contribution Percentage, ID:000649]
K12StaffAssignment	ItinerantTeacher	bit	Yes	An indication of whether a teacher provides instruction in more than one instructional site. [CEDS Element: Itinerant Teacher, ID:000528]
K12StaffAssignment	HighlyQualifiedTeacherIndicator	bit	Yes	An indication that the teacher has been classified as highly qualified based on assignment. [CEDS Element: Highly Qualified Teacher Indicator, ID:000142]
K12StaffAssignment	SpecialEducationTeacher	bit	Yes	An indication of whether a teacher is employed or contracted to work with children with disabilities who are ages 3 through 21. [CEDS Element: Special Education Teacher, ID:000264]
K12StaffAssignment	RefSpecialEducationStaffCategory	int	Yes	Titles of personnel employed and contracted to provide related services for children with disabilities. [CEDS Element: Special Education Staff Category, ID:000558] (Foreign key - RefSpecialEducationStaffCategory)
K12StaffAssignment	SpecialEducationRelatedServicesPersonnel	bit	Yes	An indication of whether a related services person is employed or contracted to work with children with disabilities who are ages 3 through 21. [CEDS Element: Special Education Related Services Personnel, ID:000262]
K12StaffAssignment	SpecialEducationParaprofessional	bit	Yes	An indication of whether a paraprofessional is employed or contracted to work with children with disabilities who are ages 3 through 21. [CEDS Element: Special Education Paraprofessional, ID:000261]
K12StaffAssignment	RefSpecialEducationAgeGroupTaught	int	Yes	The age range of special education students taught. [CEDS Element: Special Education Age Group Taught, ID:000564] (Foreign key - RefSpecialEducationAgeGroupTaught)

K12StaffAssignment	RefMepStaffCategoryId	int	Yes	Titles of employment, official status, or rank of staff working in the Migrant Education Program (MEP). [CEDS Element: Migrant Education Program Staff Category, ID:000188] (Foreign key - RefMepStaffCategory)
K12StaffAssignment	RefTitleProgramStaffCategoryId	int	Yes	Titles of employment, official status, or rank for staff working in a Title I program. [CEDS Element: Title I Program Staff Category, ID:000283] (Foreign key - RefTitleProgramStaffCategory)
K12StaffEmployment	StaffEmploymentId	int	No	Foreign key - StaffEmployment
K12StaffEmployment	RefEducationStaffClassificationId	int	Yes	The titles of employment, official status, or rank of education staff. [CEDS Element: Education Staff Classification, ID:000087] (Foreign key - RefEduStaffClassification)
K12StaffEmployment	RefEmploymentStatusId	int	Yes	The condition under which a person has agreed to serve an employer. [CEDS Element: Employment Status, ID:000347] (Foreign key - RefEmploymentStatus)
K12StaffEmployment	ContractDaysOfServicePerYear	decimal(5,2)	Yes	The number of days per year that a person is expected to work as outlined specifically in his or her employment agreement. [CEDS Element: Contract Days of Service per Year, ID:000047]
K12StaffEmployment	StaffCompensationBaseSalary	decimal(9,2)	Yes	The salary or wage a person is paid before deductions (excluding differentials) but including annuities. [CEDS Element: Base Salary, ID:000032]
K12StaffEmployment	StaffCompensationRetirementBenefits	decimal(9,2)	Yes	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). [CEDS Element: Staff Compensation Retirement Benefits, ID:000233]
K12StaffEmployment	StaffCompensationHealthBenefits	decimal(9,2)	Yes	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). [CEDS Element: Staff Compensation Health Benefits, ID:000136]
K12StaffEmployment	StaffCompensationOtherBenefits	decimal(9,2)	Yes	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). [CEDS Element: Staff Compensation Other Benefits, ID:000205]
K12StaffEmployment	StaffCompensationTotalBenefits	decimal(9,2)	Yes	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. [CEDS Element: Staff Compensation Total Benefits, ID:000293]
K12StaffEmployment	StaffCompensationTotalSalary	decimal(9,2)	Yes	Staff Compensation Total Salary

K12StaffEmployment	MepPersonnelIndicator	bit	Yes	An indication that a staff member's salary is paid by the Title I, Part C Migrant Education Program (MEP) of ESEA as amended. [CEDS Element: Migrant Education Program Personnel Indicator, ID:000543]
K12StaffEmployment	TitleTargetedAssistanceStaffFunded	bit	Yes	An indication that a staff member is targeted assistance (TAS) program staff funded by Title I, Part A, Section 1115 of ESEA as amended. [CEDS Element: Title I Targeted Assistance Staff Funded, ID:000552]
K12StaffEmployment	SalaryForTeachingAssignmentOnlyIndicator	bit	Yes	Indicator to determine whether the teacher's base salary includes pay for teaching assignments alone. [CEDS Element: Salary For Teaching Assignment Only Indicator, ID:000234]
K12StudentAcademicHonor	K12StudentAcademicHonorId	int	No	Surrogate Key
K12StudentAcademicHonor	OrganizationPersonRoleId	int	No	Foreign key - OrganizationPersonRole.
K12StudentAcademicHonor	RefAcademicHonorTypeId	int	Yes	A designation of the type of academic distinctions earned by or awarded to the student. [CEDS Element: Academic Honors Type, ID:000004] (Foreign key - RefAcademicHonorType)
K12StudentAcademicHonor	HonorDescription	nvarchar(80)	Yes	A description of the type of academic distinctions earned by or awarded to the person. [CEDS Element: Honors Description, ID:000150]
K12StudentAcademicRecord	OrganizationPersonRoleId	int	No	Inherited surrogate Key from OrganizationPersonRole.
K12StudentAcademicRecord	CreditsAttemptedCumulative	decimal(9,2)	Yes	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. [CEDS Element: Credits Attempted Cumulative, ID:000073]
K12StudentAcademicRecord	CreditsEarnedCumulative	decimal(9,2)	Yes	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. [CEDS Element: Credits Earned Cumulative, ID:000074]
K12StudentAcademicRecord	GradePointsEarnedCumulative	decimal(9,2)	Yes	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. [CEDS Element: Grade Points Earned Cumulative, ID:000130]

K12StudentAcademicRecord	GradePointAverageCumulative	decimal(9,4)	Yes	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. [CEDS Element: Grade Point Average Cumulative, ID:000128]
K12StudentAcademicRecord	RefGpaWeightedIndicatorId	int	Yes	An indication of whether the reported GPA is weighted or unweighted. [CEDS Element: Grade Point Average Weighted Indicator, ID:000123] (Foreign key - RefGpaWeighedIndicator)
K12StudentAcademicRecord	ProjectedGraduationDate	nchar(7)	Yes	The year and month the student is projected to graduate. [CEDS Element: Projected Graduation Date, ID:000226]
K12StudentAcademicRecord	HighSchoolStudentClassRank	int	Yes	The academic rank of a student in relation to his or her high school graduating class (e.g., 1, 2, 3) based on high school GPA. [CEDS Element: High School Student Class Rank, ID:000041]
K12StudentAcademicRecord	ClassRankingDate	nvarchar(10)	Yes	The date class ranking was determined. [CEDS Element: Class Ranking Date, ID:000042]
K12StudentAcademicRecord	TotalNumberInClass	int	Yes	The total number of students in the student's high school graduating class. [CEDS Element: Size of High School Graduating Class, ID:000294]
K12StudentAcademicRecord	DiplomaOrCredentialAwardDate	nchar(7)	Yes	The month and year on which the diploma/credential is awarded to a student in recognition of his/her completion of the curricular requirements. [CEDS Element: Diploma or Credential Award Date, ID:000081]
K12StudentAcademicRecord	RefHighSchoolDiplomaType	int	Yes	The type of diploma/credential that is awarded to a person in recognition of his/her completion of the curricular requirements. [CEDS Element: High School Diploma Type, ID:000138] (Foreign key - RefHighSchoolDiplomaType)
K12StudentAcademicRecord	RefHighSchoolDiplomaDistinctionTypeId	int	Yes	The distinction of the diploma or credential that is awarded to a student in recognition of their completion of the curricular requirements. [CEDS Element: High School Diploma Distinction Type, ID:000713] (Foreign key - RefHighSchoolDiplomaDistinctionType)
K12StudentAcademicRecord	RefTechnologyLiteracyStatusId	int	Yes	An indication of the technology literacy of 8th graders. [CEDS Element: Technology Literacy Status in 8th Grade, ID:000566] (Foreign key - RefTechnologyLiteracyStatus)
K12StudentAcademicRecord	RefPsEnrollmentActionId	int	Yes	The action taken with respect to postsecondary enrollment by the student who graduated from the school, LEA or state in the past two years. [CEDS Element: Postsecondary Enrollment Action, ID:000586] (Foreign key - RefPsEnrollmentAction)

K12StudentAcademicRecord	RefPreAndPostTestIndicatorId	int	Yes	An indication of whether students took both a pre-test and a post-test to measure academic improvement. [CEDS Element: Pre and Post Test Indicator, ID:000571]
K12StudentAcademicRecord	RefProfessionalTechnicalCredentialTypeId	int	Yes	An indicator of the category of credential conferred by a state occupational licensing entity or industry organization for competency in a specific area measured by a set of pre-established standards. [CEDS Element: Professional or Technical Credential Conferred, ID:000783]
K12StudentAcademicRecord	RefProgressLevelId	int	Yes	The amount of progress shown in academic subjects. [CEDS Element: Progress Level, ID:000561]
K12StudentClassSection	OrganizationPersonRoleId	int	No	Inherited surrogate key from OrganizationPersonRole
K12StudentClassSection	RefCourseRepeatCodeId	int	Yes	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. [CEDS Element: Course Repeat Code, ID:000065] (Foreign key - RefCourseRepeatCode)
K12StudentClassSection	RefClassSectionEnrollmentStatusTypeId	int	Yes	The status related to a student enrollment in an instance of a course. [CEDS Element: Class Section Enrollment Status Type, ID:000976] (Foreign key - RefClassSectionEnrollmentStatusType)
K12StudentClassSection	RefClassSectionEntryTypeId	int	Yes	The process by which a student enters a school (Class Section) during a given academic session. [CEDS Element: Class Section Entry Type, ID:000650] (Foreign key - RefClassSectionEntryType)
K12StudentClassSection	RefClassSectionExitTypeId	int	Yes	The circumstances under which the student exited from membership in a class section. [CEDS Element: Class Section Exit Type, ID:000652] (Foreign key - RefClassSectionExitType)
K12StudentClassSection	RefExitOrWithdrawalStatusId	int	Yes	An indication as to whether an instance of student exit/withdrawal is considered to be of a permanent or temporary nature. [CEDS Element: Exit or Withdrawal Status, ID:000108] (Foreign key - RefExitOrWithdrawalStatus)
K12StudentClassSection	RefGradeLevelWhenCourseTakenId	int	Yes	Student's grade level at time of course. [CEDS Element: Grade Level When Course Taken, ID:000125] (Foreign key - RefGradeLevel)
K12StudentClassSection	GradeEarned	nvarchar(15)	Yes	The final grade awarded (000053), or final indicator of student performance in a class as submitted by the instructor. [CEDS Element: Grade Earned, ID:000124]
K12StudentClassSection	GradeValueQualifier	nvarchar(100)	Yes	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.) [CEDS Element: Grade Value Qualifier, ID:000616]

K12StudentClassSection	NumberOfCreditsAttempted	decimal(9,2)	Yes	The number of credits that a student can earn for enrolling in and completing a given course. [CEDs Element: Number of Credits Attempted, ID:000199]
K12StudentClassSection	RefCreditTypeEarnedId	int	Yes	The type of credits or units of value awarded for the completion of a course. [CEDs Element: Credit Type Earned, ID:000072] (Foreign key - RefCreditTypeEarned)
K12StudentClassSection	RefAdditionalCreditTypeId	int	Yes	The type of additional credits or units of value awarded for the completion of a course. [CEDs Element: Additional Credit Type Awarded, ID:000596] (Foreign key - RefAdditionalCreditType)
K12StudentClassSection	GradePointAverageApplicability	bit	Yes	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. [CEDs Element: Course Grade Point Average Applicability, ID:000060]
K12StudentClassSection	RefPreAndPostTestIndicatorId	int	Yes	An indication of whether students took both a pre-test and a post-test to measure academic improvement. [CEDs Element: Pre and Post Test Indicator, ID:000571]
K12StudentClassSection	RefProgressLevelId	int	Yes	The amount of progress shown in academic subjects. [CEDs Element: Progress Level, ID:000561]
K12StudentClassSectionMark	K12StudentClassSectionMarkId	int	No	Surrogate Key
K12StudentClassSectionMark	OrganizationPersonRoleId	int	No	Foreign key - K12StudentClassSection
K12StudentClassSectionMark	MarkingPeriodName	nvarchar(30)	Yes	The name or description of the marking period (e.g., fall, first marking period). [CEDs Element: Marking Period Name, ID:000182]
K12StudentClassSectionMark	StudentClassSectionMarkFinalIndicator	bit	Yes	Indicates that the mark is a final mark the learner has earned for the class section. [CEDs Element: Student Class Section Mark Final Indicator, ID:001142]
K12StudentClassSectionMark	GradeEarned	nvarchar(15)	Yes	A final indicator of student performance in a class as submitted by the instructor. [CEDs Element: Grade Earned, ID:000124]
K12StudentClassSectionMark	MidTermMark	nvarchar(15)	Yes	Indicator of student performance at the mid-point of the marking period. [CEDs Element: Mid Term Mark, ID:000183]
K12StudentClassSectionMark	GradeValueQualifier	nvarchar(100)	Yes	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.) [CEDs Element: Grade Value Qualifier, ID:000616]
K12StudentCohort	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole.

K12StudentCohort	CohortYear	nchar(4)	Yes	The school year in which the student entered the baseline group used for computing completion rates (e.g., high school, program). [CEDs Element: Cohort Year, ID:000046]
K12StudentCohort	CohortGraduationYear	nchar(4)	Yes	The year the cohort graduated with a regular high school diploma. [CEDs Element: Cohort Graduation Year, ID:000584]
K12StudentCohort	GraduationRateSurveyCohortYear	nchar(4)	Yes	The academic year in which a student entered as part of the GRS cohort. [CEDs Element: Graduation Rate Survey Cohort Year, ID:000132]
K12StudentCohort	GraduationRateSurveyIndicator	bit	Yes	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. [CEDs Element: Graduation Rate Survey Indicator, ID:000133]
K12StudentCohort	CohortDescription	nvarchar(30)	Yes	A description of the student cohort. [CEDs Element: Cohort Description, ID:000711]
K12StudentDiscipline	K12StudentDisciplineId	int	No	Surrogate Key
K12StudentDiscipline	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole
K12StudentDiscipline	RefDisciplineReasonId	int	Yes	The reason why the student was disciplined. [CEDs Element: Discipline Reason, ID:000545] (Foreign key - RefDisciplineReason)
K12StudentDiscipline	RefDisciplinaryActionTakenId	int	Yes	Identifies the consequences of an incident for the student(s) involved in an incident as perpetrator(s). [CEDs Element: Disciplinary Action Taken, ID:000488] (Foreign key - RefDisciplinaryActionTaken)
K12StudentDiscipline	DisciplinaryActionStartDate	date	Yes	The date on which a discipline action begins. [CEDs Element: Disciplinary Action Start Date, ID:000083]
K12StudentDiscipline	DisciplinaryActionEndDate	date	Yes	The date on which a discipline action ends. [CEDs Element: Disciplinary Action End Date, ID:000082]
K12StudentDiscipline	DurationOfDisciplinaryAction	decimal(9,2)	Yes	The length, in school days, of the disciplinary action. [CEDs Element: Duration of Disciplinary Action, ID:000511]
K12StudentDiscipline	RefDisciplineLengthDifferenceReasonId	int	Yes	The reason for the difference, if any, between the official and actual lengths of a student's disciplinary assignment. [CEDs Element: Discipline Action Length Difference Reason, ID:000609] (Foreign key - RefDisciplineLengthDifferenceReason)
K12StudentDiscipline	FullYearExpulsion	bit	Yes	An expulsion with or without services for a period of one full year (i.e., 365 days). [CEDs Element: Full Year Expulsion, ID:000513]

K12StudentDiscipline	ShortenedExpulsion	bit	Yes	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. [CEDS Element: Shortened Expulsion, ID:000514]
K12StudentDiscipline	EducationalServicesAfterRemoval	bit	Yes	EducationalServicesAfterRemoval
K12StudentDiscipline	RefIdeaInterimRemovalId	int	Yes	The type of interim removal from current educational setting experienced by children with disabilities (IDEA). [CEDS Element: IDEA Interim Removal, ID:000541] (Foreign key - RefIdeaInterimRemoval)
K12StudentDiscipline	RefIdeaInterimRemovalReasonId	int	Yes	The reasons why children with disabilities were unilaterally removed from their current educational placement to an interim alternative educational setting. [CEDS Element: IDEA Interim Removal Reason, ID:000539] (Foreign key - RefIdeaInterimRemovalReason)
K12StudentDiscipline	RelatedToZeroTolerancePolicy	bit	Yes	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. [CEDS Element: Related to Zero Tolerance Policy, ID:000512]
K12StudentDiscipline	IncidentId	int	Yes	Surrogate Key
K12StudentEmployment	OrganizationPersonRoleId	int	No	Surrogate Key - Foreign key: OrganizationPersonRole
K12StudentEmployment	RefEmployedWhileEnrolledId	int	Yes	An individual who is a paid employee or works in his or her own business, profession, or farm and at the same time is enrolled in secondary, postsecondary, or adult education. [CEDS Element: Employed While Enrolled, ID:000987] (Foreign key - RefEmployedWhileEnrolled)
K12StudentEmployment	RefEmployedAfterExitId	int	Yes	An individual who is a paid employee or works in his or her own business, profession, or farm after exiting secondary, postsecondary, or adult education. [CEDS Element: Employed After Exit, ID:000988] (Foreign key - RefEmployedAfterExit)
K12StudentEmployment	EmploymentNaicsCode	nchar(6)	Yes	The North American Industry Classification System (NAICS) code associated with an individual's employment. [CEDS Element: Employment NAICS Code, ID:001064]
K12StudentEnrollment	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole.
K12StudentEnrollment	RefEntryGradeLevelId	int	Yes	Surrogate key to RefGradeLevel. 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. [CEDS Element: Entry Grade Level, ID:000100]
K12StudentEnrollment	RefPublicSchoolResidence	int	Yes	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. [CEDS Element: Public School Residence Status, ID:000532]

K12StudentEnrollment	RefEnrollmentStatusId	int	Yes	An indication as to whether a student's name was, is, or will be officially registered on the roll of a school or schools. [CEDS Element: Enrollment Status, ID:000094]
K12StudentEnrollment	RefEntryType	int	Yes	The process by which a student enters a school during a given academic session. [CEDS Element: Entry Type, ID:000099]
K12StudentEnrollment	RefExitGradeLevel	int	Yes	Surrogate key from RefGradeLevel. The grade level or primary instructional level at which a student exits a school, program, or an educational institution. [CEDS Element: Exit Grade Level, ID:001210]
K12StudentEnrollment	RefExitOrWithdrawalStatusId	int	Yes	An indication as to whether an instance of student exit/withdrawal is considered to be of a permanent or temporary nature. [CEDS Element: Exit or Withdrawal Status, ID:000108]
K12StudentEnrollment	RefExitOrWithdrawalTypeId	int	Yes	The circumstances under which the student exited from membership in an educational institution. [CEDS Element: Exit or Withdrawal Type, ID:000110]
K12StudentEnrollment	DisplacedStudentStatus	bit	Yes	A student who was enrolled, or eligible for enrollment, but has enrolled in another place because of a crisis. [CEDS Element: Displaced Student Status, ID:000610]
K12StudentEnrollment	RefEndOfTermStatusId	int	Yes	The nature of the student's progress at the end of a given school term. [CEDS Element: End of Term Status, ID:000093]
K12StudentEnrollment	RefPromotionReasonId	int	Yes	The nature of the student's promotion or progress at the end of a given school term. [CEDS Element: Promotion Reason, ID:000530]
K12StudentEnrollment	RefNonPromotionReasonId	int	Yes	The primary reason as to why a staff member determined that a student should not be promoted (or be demoted). [CEDS Element: Nonpromotion Reason, ID:000531]
K12StudentEnrollment	RefFoodServiceEligibilityId	int	Yes	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. [CEDS Element: Eligibility Status for School Food Service Programs, ID:000092]
K12StudentEnrollment	FirstEntryDateIntoUSSchool	date	Yes	The date of a person's initial enrollment into a United States school. [CEDS Element: First Entry Date into a US School, ID:000529]
K12StudentLiteracyAssessment	OrganizationPersonRoleId	int	No	Inherited surrogate key from OrganizationPersonRole.
K12StudentLiteracyAssessment	RefLiteracyAssessmentId	int	Yes	The type of literacy test administered. [CEDS Element: Literacy Assessment Administered Type, ID:000466] (Foreign key - RefLiteracyAssessment)
K12StudentLiteracyAssessment	LiteracyPreTestStatus	bit	Yes	The participant completed a literacy pre-test. [CEDS Element: Literacy Pre Test Status, ID:000469]
K12StudentLiteracyAssessment	LiteracyPostTestStatus	bit	Yes	The participant completed a literacy post-test. [CEDS Element: Literacy Post Test Status, ID:000468]

K12StudentLiteracyAssessment	LiteracyGoalMetStatus	bit	Yes	The participant showed "significant learning gains" on measures of reading, the definition of which is determined at the State level. [CEDS Element: Literacy Goal Met Status, ID:000467]
K12StudentSession	K12StudentSessionId	int	No	Surrogate Key
K12StudentSession	OrganizationPersonRoleId	int	No	Foreign key to OrganizationPersonRole.
K12StudentSession	OrganizationCalendarSessionId	int	Yes	Foreign key to Session.
K12StudentSession	GradePointAverageGivenSession	decimal(9,4)	Yes	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. [CEDS Element: Grade Point Average Given Session, ID:000129]
K12TitleIIILanguageInstruction	K12TitleIIILanguageInstructionId	int	No	Surrogate Key
K12TitleIIILanguageInstruction	OrganizationId	int	No	Foreign key - Organization
K12TitleIIILanguageInstruction	RefTitleIIILanguageInstructionProgramTypeId	int	No	The type of Title III language instructional programs. [CEDS Element: Title III Language Instruction Program Type, ID:000447]
LearnerAction	LearnerActionId	int	No	Surrogate Key
LearnerAction	AssessmentItemResponseId	int	Yes	Foreign key - AssessmentItemResponse
LearnerAction	RefLearnerActionTypeId	int	Yes	The type of action taken by the learner. [CEDS Element Learner Action Type, ID:000934]
LearnerAction	Value	nvarchar(max)	Yes	The value representing input by the learner using an online system, such as a value entered in response to an assessment question, or the URL of a learning resource link clicked. [CEDS Element: Learner Action Value, ID:000935]
LearnerAction	Time	time	Yes	The time to the second or millisecond when the action was taken. [CEDS Element: Learner Action Time, ID:000936]
LearnerAction	Date	date	Yes	The date on which the action was taken. [CEDS Element: Learner Action Date, ID:000937]
LearnerActivity	LearnerActivityId	int	No	Surrogate Key
LearnerActivity	PersonId	int	No	Foreign key - Person.
LearnerActivity	AssessmentRegistrationId	int	Yes	Foreign key - AssessmentRegistration.
LearnerActivity	ClassSectionId	int	Yes	Foreign key - ClassSection
LearnerActivity	OrganizationCalendarSessionId	int	Yes	Foreign key - Session

LearnerActivity	Title	nvarchar(30)	Yes	The title for work assigned to the learner, which can comprise of learning resources, activities, and assessments. [CEDS Element: Learner Activity Title, ID:000939]
LearnerActivity	Description	nvarchar(300)	Yes	The description and context for the assignment described in a way that the learner can understand. [CEDS Element: Learner Activity Description, ID:000940]
LearnerActivity	Prerequisite	nvarchar(300)	Yes	The description of the skills or competencies the student must have to engage in assignment. [CEDS Element: Learner Activity Prerequisite, ID:000941]
LearnerActivity	RefLearnerActivityTypeId	int	Yes	The type of work assigned to the learner. [CEDS Element: Learner Activity Type, ID:000942] (Foreign key - RefLearnerActivityType)
LearnerActivity	RubricUrl	nvarchar(300)	Yes	The Uniform Resource Locator pointing to a rubric that may be used to evaluate learner performance on the assignment. [CEDS Element: Learner Activity Rubric URL, ID:000953]
LearnerActivity	CreationDate	date	Yes	The creation date of the assignment. [CEDS Element: Learner Activity Creation Date, ID:000943]
LearnerActivity	MaximumTimeAllowed	decimal(9,0)	Yes	The time required to complete the assignment. [CEDS Element: Learner Activity Maximum Time Allowed, ID:000944]
LearnerActivity	RefLearnerActivityMaximumTimeAllowedUnits	int	Yes	The unit of time of the Maximum Time Allowed value. [CEDS Element: Learner Activity Maximum Time Allowed Unit, ID:000945] (Foreign key - RefLearnerActivityMaximumTimeAllowedUnits)
LearnerActivity	DueDate	date	Yes	The date assignment is due. [CEDS Element: Learner Activity Due Date, ID:000946]
LearnerActivity	DueTime	time	Yes	The time the assignment is due. [CEDS Element: Learner Activity Due Time, ID:000947]
LearnerActivity	MaximumAttemptsAllowed	decimal(9,0)	Yes	The number attempts a student may make on this assignment. Assumed to be unlimited if zero or omitted. [CEDS Element: Learner Activity Maximum Attempts Allowed, ID:000948]
LearnerActivity	RefLearnerActivityAddToGradeBookFlagId	int	Yes	Identifies the assignment as one that is graded. [CEDS Element: Learner Activity Add To Grade Book Flag, ID:000949]
LearnerActivity	ReleaseDate	date	Yes	The date the student was informed about an assignment or that an automated system displays the assignment. [CEDS Element: Learner Activity Release Date, ID:000950]
LearnerActivity	Weight	decimal(9,2)	Yes	The percentage weight of the assignment during the particular course or term. [CEDS Element: Learner Activity Weight, ID:000951]
LearnerActivity	PossiblePoints	decimal(9,2)	Yes	The number of possible points for an assignment. [CEDS Element: Learner Activity Possible Points, ID:000952]
LearnerActivity	RefLanguageId	int	Yes	The default language used for the assignment. [CEDS Element: Learner Activity Language, ID:000938] (Foreign key - RefLanguage)

LearnerActivity	AssignedByPersonId	int	Yes	Foreign key - Person
LearnerActivity	SchoolOrganizationId	int	Yes	Foreign key - Organization
LearnerActivity	LeaOrganizationId	int	Yes	Foreign key - Organization
LearnerActivity_LearningResource	LearnerActivity_LearningResourceId	int	No	Surrogate Key
LearnerActivity_LearningResource	LearnerActivityId	int	No	Foreign key - LearnerActivity
LearnerActivity_LearningResource	LearningResourceId	int	No	Foreign key - LearningResource
LearningGoal	LearningGoalId	int	No	Surrogate Key
LearningGoal	Description	nvarchar(300)	Yes	A statement that specifies the learning that is intended in a way that both the educators and learners can understand. [CEDS Element: Learning Goal Description, ID:000903]
LearningGoal	SuccessCriteria	nvarchar(300)	Yes	One or more statements that describes the criteria used by teachers and students to check for attainment of a learning goal. This criteria gives clear indications as to the degree to which learning is moving through the Zone or Proximal Development toward independent achievement of the learning goal. [CEDS Element: Learning Goal Success Criteria, ID:000902]
LearningGoal	StartDate	date	Yes	The date on which the Learning Goal becomes active. [CEDS Element: Learning Goal Start Date, ID:001165]
LearningGoal	EndDate	date	Yes	The date on which the Learning Goal expires or has been achieved. [CEDS Element: Learning Goal End Date, ID:001166]
LearningGoal	PersonId	int	Yes	Foreign Key - Person
LearningGoal	CompetencySetId	int	Yes	Foreign key - CompetencySet
LearningResource	LearningResourceId	int	No	Surrogate Key
LearningResource	Title	nvarchar(30)	Yes	The title of the resource. [CEDS Element: Learning Resource Title, ID:000912]
LearningResource	Description	nvarchar(300)	Yes	A short description of the Learning Resource. [CEDS Element: Learning Resource Description, ID:001143]
LearningResource	Url	nvarchar(300)	Yes	The Uniform Resource Locator where the resource may be accessed, or a proxy for the resource, such as an information page for a commercially available resource. [CEDS Element: Learning Resource URL, ID:000911]

LearningResource	ConceptKeyword	nvarchar(300)	Yes	The significant topicality of the Learning Resource using free-text keywords and phrases. [CEDS Element: Learning Resource Concept Keyword, ID:001146]
LearningResource	SubjectName	nvarchar(30)	Yes	The descriptive name for the subject of the content for the learning resource. [CEDS Element: Learning Resource Subject Name, ID:000913]
LearningResource	SubjectCode	nvarchar(30)	Yes	The code used to identify the organization of subject matter and related learning experiences addressed by the learning resource. [CEDS Element: Learning Resource Subject Code, ID:000914]
LearningResource	SubjectCodeSystem	nvarchar(30)	Yes	The system that is used to identify the organization of subject matter and related learning experiences addressed by the learning resource. [CEDS Element: Learning Resource Subject Code System, ID:000915]
LearningResource	RefLearningResourceTypeId	int	Yes	The predominate type or kind characterizing the learning resource. [CEDS Element: Learning Resource Type, ID:000928] (Foreign key - RefLearningResourceType)
LearningResource	DateCreated	date	Yes	The date on which the resource was created. [CEDS Element: Learning Resource Date Created, ID:000916]
LearningResource	Version	nvarchar(30)	Yes	Defines the revision of the learning resource as defined by the publisher. [CEDS Element: Learning Resource Version, ID:001216]
LearningResource	Creator	nvarchar(60)	Yes	The name of individual credited with the creation of the resource. [CEDS Element: Learning Resource Creator, ID:000917]
LearningResource	PublisherName	nvarchar(60)	Yes	The name of the organization credited with publishing the resource. [CEDS Element: Learning Resource Publisher Name, ID:000918]
LearningResource	PublishedDate	date	Yes	The published date of an educational resource, such as instructional media, an assessment form, or section of an assessment form. [CEDS Element: Learning Resource Published Date, ID:001184]
LearningResource	CopyrightHolderName	nvarchar(60)	Yes	The name(s) of the person(s) or organization(s) holding the copyright for the Learning Resource. [CEDS Element: Learning Resource Copyright Holder Name, ID:001144]
LearningResource	CopyrightYear	nchar(4)	Yes	The copyright year for the Learning Resource. [CEDS Element: Learning Resource Copyright Year, ID:001145]
LearningResource	UseRightsUrl	nvarchar(300)	Yes	The URL where the owner specifies permissions for using the resource. [CEDS Element: Learning Resource Use Rights URL, ID:000921]
LearningResource	IsBasedOnUrl	nvarchar(300)	Yes	A resource that was used in the creation of this resource. This term can be repeated for multiple sources. [CEDS Element: Learning Resource Is Based On URL, ID:000922]

LearningResource	RefLearningResourceIntendedEndUserRoleId	int	Yes	The individual or group for which the resource was produced. [CEDS Element: Learning Resource Intended End User Role, ID:000923] (Foreign key - RefLearningResourceIntendedEndUserRole)
LearningResource	RefLearningResourceEducationalUseId	int	Yes	The purpose of the work in the context of education. [CEDS Element: Learning Resource Educational Use, ID:001002] (Foreign key - RefLearningResourceEducationalUse)
LearningResource	RefLearningResourceMediaTypeId	int	Yes	The type of media which is being described. [CEDS Element: Learning Resource Media Type, ID:000920] (Foreign key - RefLearningResourceMediaType)
LearningResource	RefLearningResourceInteractivityTypeId	int	Yes	The predominate mode of learning supported by the learning resource. Acceptable values are active, expositive, or mixed. [CEDS Element: Learning Resource Interactivity Type, ID:000927] (Foreign key - RefLrInteractivityType)
LearningResource	RefLanguageId	int	Yes	The primary language of the resource. [CEDS Element: Learning Resource Language, ID:000919] (Foreign key - RefLanguage)
LearningResource	MinutesRequired	decimal(9,2)	Yes	The approximate or typical time it takes to work with or through this learning resource for the typical intended target audience. [CEDS Element: Learning Resource Minutes Required, ID:000924]
LearningResource	TypicalAgeRangeMinimum	tinyint	Yes	The minimum for the typical range of ages of the content's intended end user. [CEDS Element: Learning Resource Typical Age Range Minimum, ID:000925]
LearningResource	TypicalAgeRangeMaximum	tinyint	Yes	The maximum for the typical range of ages of the content's intended end user. [CEDS Element: Learning Resource Typical Age Range Maximum, ID:000926]
LearningResource	TextComplexityValue	nvarchar(30)	Yes	The complexity of the text using the scaling system defined by Text Complexity System, e.g. Lexile(tm). [CEDS Element: Learning Resource Text Complexity Value, ID:000929]
LearningResource	TextComplexitySystem	nvarchar(30)	Yes	The scaling system used to specify the text complexity of an Learning Resource [CEDS Element: Learning Resource Text Complexity System, ID:000930]
LearningResourceEducationLevel	LearningResourceEducationLevelId	int	No	Surrogate Key
LearningResourceEducationLevel	LearningResourceId	int	No	Foreign key - LearningResource
LearningResourceEducationLevel	RefEducationLevelId	int	No	The education level, grade level or primary instructional level at which a Learning Resource is intended. [CEDS Element: Learning Resource Education Level , ID:001246] (Foreign key - RefEducationLevel)
LearningResourcePeerRating	LearningResourcePeerRatingId	int	No	Surrogate Key
LearningResourcePeer	LearningResourceId	int	No	Foreign key - LearningResource

Rating				
LearningResourcePeer Rating	PersonId	int	No	Foreign key - Person
LearningResourcePeer Rating	PeerRatingSystemId	int	No	Foreign key - PeerRatingSystem
LearningResourcePeer Rating	Value	decimal(18,4)	Yes	An individual score, rating or level assigned to a Learning Resource by a person within the boundaries set by a Peer Rating System that may be aggregated to derive an overall score for the learning resource. [CEDS Element: Learning Resource Peer Rating Value, ID:001148]
LearningResourcePeer Rating	Date	date	Yes	The date on which the Peer Rating was entered. [CEDS Element: Peer Rating Date, ID:001167]
LearningStandardDocument	LearningStandardDocumentId	int	No	PK
LearningStandardDocument	URI	nvarchar(300)	Yes	An unambiguous reference to the standards document using a network-resolvable URI. [CEDS Element: Learning Standard Document Identifier URI, ID:000693]
LearningStandardDocument	Title	nvarchar(120)	Yes	The name of the standards document. [CEDS Element: Learning Standard Document Title, ID:000694]
LearningStandardDocument	Subject	nvarchar(30)	Yes	The topic or academic subject of the Learning Standard Document. [CEDS Element: Learning Standard Document Subject, ID:000702]
LearningStandardDocument	Version	nvarchar(30)	Yes	Defines the revision of the document as a version number or date. [CEDS Element: Learning Standard Document Version, ID:000695]
LearningStandardDocument	Creator	nvarchar(120)	Yes	The person or organization chiefly responsible for the intellectual content of the standards document. [CEDS Element: Learning Standard Document Creator, ID:000696]
LearningStandardDocument	Jurisdiction	nvarchar(120)	Yes	A legal, quasi-legal, organizational or institutional domain of the entity mandating the use of the statement--e.g., California. [CEDS Element: Learning Standard Document Jurisdiction, ID:000699]
LearningStandardDocument	Description	nvarchar(300)	Yes	A textual description of the scope and contents of the Learning Standards Document. [CEDS Element: Learning Standard Document Description, ID:000697]
LearningStandardDocument	Publisher	nvarchar(30)	Yes	The entity responsible for making the learning standards document available. [CEDS Element: Learning Standard Document Publisher, ID:000884]
LearningStandardDocument	RefLearningStandardDocumentPublicationStatusId	int	Yes	The publication status of the document. [CEDS Element: Learning Standard Document Publication Status, ID:000698] (Foreign key - RefLsDocumentPublicationStatus)
LearningStandardDocument	ValidStartDate	date	No	The date the standards document was adopted by the jurisdiction in which it was intended to apply. [CEDS Element: Learning Standard Document Valid Start Date, ID:000700]

LearningStandardDocu ment	ValidEndDate	date	No	The date the standards document was deprecated/replaced by the jurisdiction in which it was intended to apply. [CEDS Element: Learning Standard Document Valid End Date, ID:000701]
LearningStandardDocu ment	RefLanguageId	int	Yes	The default language of the text used for the content in the learning standard document. [CEDS Element: Learning Standard Document Language, ID:000880] (Foreign key - RefLanguage)
LearningStandardDocu ment	License	nvarchar(300)	Yes	A legal document giving official permission to do something with the standards document. [CEDS Element: Learning Standard Document License, ID:000882]
LearningStandardDocu ment	Rights	nvarchar(300)	Yes	The information about rights held in and over the resource. [CEDS Element: Learning Standard Document Rights, ID:000885]
LearningStandardDocu ment	RightsHolder	nvarchar(30)	Yes	The person or organization owning or managing rights over the learning standards document. [CEDS Element: Learning Standard Document Rights Holder, ID:000886]
LearningStandardItem	LearningStandardItemId	int	No	Surrogate Key
LearningStandardItem	Identifier	nvarchar(36)	No	The globally unique identifier (GUID) issued by the publisher of the competency framework that uniquely identifies the item in the hierarchy of learning standard items using a RFC 4122 compliant 32-character hexadecimal string, such as 21EC2020-3AEA-1069-A2DD-08002B30309D. [CEDS Element: Learning Standard Item Identifier, ID:000689]
LearningStandardItem	Code	nvarchar(30)	Yes	A human-referenceable code designated by the publisher to identify the item in the hierarchy of learning standard items. [CEDS Element: Learning Standard Item Code, ID:000692]
LearningStandardItem	URL	nvarchar(300)	Yes	A network-resolvable Uniform Resource Locator (URL) pointing to the authoritative reference for the learning standard item. [CEDS Element: Learning Standard Item URL, ID:000874]
LearningStandardItem	Type	nvarchar(60)	Yes	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,..." [CEDS Element: Learning Standard Item Type, ID:000691]
LearningStandardItem	Statement	nvarchar(max)	Yes	The text of the statement. The textual content that either describes a specific competency or describes a less granular group of competencies within the taxonomy of the standards document. [CEDS Element: Learning Standard Item Statement, ID:000690]
LearningStandardItem	Version	nvarchar(max)	Yes	A label assigned by the publisher indicating the version of the learning standard statement. [CEDS Element: Learning Standard Item Version, ID:001250]
LearningStandardItem	TypicalAgeRange	nvarchar(20)	Yes	The typical range of ages for the content's intended end user. [CEDS Element: Learning Standard Item Typical Age Range, ID:000870]

LearningStandardItem	RefLanguageId	int	Yes	The default language of the text used for the content in the learning standard statement. [CEDS Element: Learning Standard Item Language, ID:000881] (Foreign key - RefLanguage)
LearningStandardItem	TextComplexitySystem	nvarchar(30)	Yes	The scaling system used to specify the text complexity of an learning standard item. [CEDS Element: Learning Standard Item Text Complexity System, ID:000910]
LearningStandardItem	TextComplexityMinimum Value	decimal(18,4)	Yes	The minimum value in the range of text complexity applicable to a language learning standard using the scaling system defined by Text Complexity System, e.g. Lexile(tm). [CEDS Element: Learning Standard Item Text Complexity Minimum Value, ID:001154]
LearningStandardItem	TextComplexityMaximum Value	decimal(18,4)	Yes	The maximum value in the range of text complexity applicable to a language learning standard using the scaling system defined by Text Complexity System, e.g. Lexile(tm). [CEDS Element: Learning Standard Item Text Complexity Maximum Value, ID:001155]
LearningStandardItem	RefBloomsTaxonomyDomainId	int	Yes	Classification of the Learning Standard Item using Bloom's Taxonomy Domains. [CEDS Element: Learning Standard Item Blooms Taxonomy Domain, ID:000875] (Foreign key - RefBloomsTaxonomyDomain)
LearningStandardItem	RefMultipleIntelligenceType	int	Yes	Classification of the Learning Standard Item using intelligences defined for Howard Earl Gardner's Theory of Multiple Intelligences. [CEDS Element: Learning Standard Item Multiple Intelligence, ID:000876] (Foreign key - RefMultipleIntelligenceType)
LearningStandardItem	ConceptTerm	nvarchar(30)	Yes	The topicality of the achievement standard, e.g. "Pythagorean Theorem" "Trigonometric functions" "Forces and energy" "Scientific method" "Oral history" etc. [CEDS Element: Learning Standard Item Concept Term, ID:000888]
LearningStandardItem	ConceptKeyword	nvarchar(300)	Yes	The significant topicality of the learning standard using free-text keywords and phrases. [CEDS Element: Learning Standard Item Concept Keyword, ID:000887]
LearningStandardItem	License	nvarchar(300)	Yes	The full text or URL reference to a legal document giving official permission to do something with the standards statement. [CEDS Element: Learning Standard Item License, ID:000883]
LearningStandardItem	Notes	nvarchar(max)	Yes	Information about the derivation of a Learning Standard Item Statement. [CEDS Element: Learning Standard Item Notes, ID:001249]
LearningStandardItem	LearningStandardItemParentId	nvarchar(36)	Yes	The globally unique identifier (GUID) issued by the publisher of the competency framework that uniquely identifies the parent item in the hierarchy of learning standard items using a RFC 4122 compliant 32-character hexadecimal string, such as 21EC2020-3AEA-1069-A2DD-08002B30309D. [CEDS Element: Learning Standard Item Parent Identifier, ID:000872]

LearningStandardItem	LearningStandardItemParentCode	nvarchar(30)	Yes	A human-referenceable code designated by the publisher to identify the parent item in the hierarchy of learning standard items. [CEDS Element: Learning Standard Item Parent Code, ID:000873]
LearningStandardItem	LearningStandardItemParentURL	nvarchar(300)	Yes	A network-resolvable Uniform Resource Locator (URL) pointing to the authoritative reference for the hierarchal parent of the learning standard item. [CEDS Element: Learning Standard Item Parent URL, ID:001094]
LearningStandardItem	ChildOf_LearningStandardItem	int	Yes	FK
LearningStandardItem	LearningStandardDocumentId	int	No	FK
LearningStandardItem Association	LearningStandardItemAssociationId	int	No	Surrogate Key
LearningStandardItem Association	LearningStandardItemId	int	No	Foreign key - LearningStandardItem.
LearningStandardItem Association	RefEntityTypeId	int	No	<new Ref with list of tables/types allowed to be associated with Learning Standards>
LearningStandardItem Association	AssociatedEntityId	int	No	FK
LearningStandardItem Association	RefLearningStandardItemAssociationTypeId	int	Yes	Defines the nature of the association between a Learning Standard Item and an associated data object such as a Learning Resource, an Assessment Item, or even another Learning Standard Item. [CEDS Element: Learning Standard Item Association Type, ID:000869] (Foreign key - RefLsItemAssociationType)
LearningStandardItem Association	Identifier	nvarchar(300)	Yes	A URI that establishes uniqueness of an association. [CEDS Element: Learning Standard Item Association Identifier, ID:000871]
LearningStandardItem EducationLevel	LearningStandardItemEducationLevelId	int	No	Surrogate Key
LearningStandardItem EducationLevel	LearningStandardsItemId	int	No	Foreign key - LearningStandardsItem
LearningStandardItem EducationLevel	RefEducationLevelId	int	No	The education level, grade level or primary instructional level at which a Learning Standard Item is intended. [CEDS Element: Learning Standard Item Education Level, ID:000725] (Foreign key - RefEducationLevel)

Location	LocationId	int	No	Surrogate Key
LocationAddress	LocationId	int	No	Inherited surrogate key from Location.
LocationAddress	StreetNumberAndName	nvarchar(40)	Yes	The street number and street name or post office box number of an address. [CEDSD Element: Address Street Number and Name, ID: 000269]
LocationAddress	ApartmentRoomOrSuiteNumber	nvarchar(30)	Yes	The apartment, room, or suite number of an address. [CEDSD Element: Address Apartment Room or Suite Number, ID:000019]
LocationAddress	BuildingSiteNumber	nvarchar(30)	Yes	The number of the building on the site, if more than one building shares the same address. [CEDSD Element: Building Site Number, ID:000602]
LocationAddress	City	nvarchar(30)	Yes	The name of the city in which an address is located. [CEDSD Element: Address City, ID:000040]
LocationAddress	RefStateId	int	Yes	Surrogate key from RefStateAbbreviation identifying the state.
LocationAddress	PostalCode	nvarchar(17)	Yes	A number that identifies each postal delivery area in the United States used as a portion of an address. [CEDSD Element: Address Postal Code, ID:000214]
LocationAddress	CountyName	nvarchar(30)	Yes	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located. [CEDSD Element: Address County Name, ID:000190]
LocationAddress	RefCountyId	int	Yes	Surrogate key from RefCounty identifying the county code.
LocationAddress	RefCountryId	int	Yes	Surrogate key from RefCountry identifying the country code.
LocationAddress	Latitude	nvarchar(20)	Yes	The north or south angular distance from the equator that, when combined with longitude, reflects an estimation of where the school is physically situated. [CEDSD Element: Latitude, ID:000606]
LocationAddress	Longitude	nvarchar(20)	Yes	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. [CEDSD Element: Longitude, ID:000607]
LocationAddress	RefERSRuralUrbanContinuumCodeId	int	Yes	Rural-Urban Continuum Codes form a classification scheme that distinguishes metropolitan (metro) counties by the population size of their metro area, and nonmetropolitan (nonmetro) counties by degree of urbanization and adjacency to a metro area or areas. The metro and nonmetro categories have been subdivided into three metro and six nonmetro groupings, resulting in a nine-part county codification. The codes allow researchers working with county data to break such data into finer residential groups beyond a simple metro-nonmetro dichotomy, particularly for the analysis of trends in nonmetro areas that may be related to degree of rurality and metro proximity. [CEDSD Element: Economic Research Service Rural-Urban Continuum Code, ID:000862]

Organization	OrganizationId	int	No	Surrogate Key
Organization	Name	nvarchar(60)	Yes	The name of a non-person entity such as an organization, institution, agency, business, or program. [CEDS Elements: Organization Name (000204), Name of Institution (000191), Program Name (000626), Responsible Organization Name (000631)]
Organization	RefOrganizationTypeId	int	Yes	The type of organization. (Foreign key - RefOrganizationType)
OrganizationAccreditation	OrganizationAccreditationId	int	No	Surrogate Key
OrganizationAccreditation	OrganizationId	int	No	Surrogate key from Organization
OrganizationAccreditation	AccreditationStatus	bit	Yes	An indication of the accreditation status of a organization. [CEDS Element: Higher Education Institution Accreditation Status, ID:000818]
OrganizationAccreditation	RefAccreditationAgencyId	int	Yes	Surrogate key from RefAccreditationAgency. The agency that accredited a program. [CEDS Element: Accreditation Agency, ID:000982] (Foreign key - RefAccreditationAgency)
OrganizationAccreditation	AccreditationAwardDate	date	Yes	The date when an accreditation was awarded. [CEDS Element: Accreditation Award Date, ID:000840]
OrganizationAccreditation	AccreditationExpirationDate	date	Yes	The date when an accreditation expires. [CEDS Element: Accreditation Expiration Date, ID:000841]
OrganizationCalendar	OrganizationCalendarId	int	No	Surrogate Key
OrganizationCalendar	OrganizationId	int	No	Foreign key - Organization
OrganizationCalendar	CalendarCode	nvarchar(30)	Yes	A unique number assigned by a school district to a school calendar. [CEDS Element: Calendar Code, ID:000494]
OrganizationCalendar	CalendarDescription	nvarchar(60)	No	A description or identification of the calendar. [CEDS Element: Calendar Description, ID:000495]
OrganizationCalendar	CalendarYear	nchar(4)	Yes	The school or program year for the calendar. [CEDS Elements: School Year (000243), Early Learning Program Year (000864)]
OrganizationCalendarCrisis	OrganizationCalendarCrisisId	int	No	Surrogate Key
OrganizationCalendarCrisis	OrganizationId	int	No	Foreign key - Organization
OrganizationCalendarCrisis	Code	nvarchar(30)	Yes	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. [CEDS Element: Crisis Code, ID:000611]

OrganizationCalendarCrisis	Name	nvarchar(50)	Yes	The name of the crisis that caused the displacement of students. [CEDS Element: Crisis Name, ID:000612]
OrganizationCalendarCrisis	StartDate	date	Yes	The date 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. [CEDS Element: Crisis Start Date, ID:000614]
OrganizationCalendarCrisis	EndDate	date	Yes	The date on which the crisis ceased to affect the agency.
OrganizationCalendarCrisis	Type	nvarchar(50)	Yes	The type or category of crisis (ex., chemical, earthquake, flood, wildfire, etc.). [CEDS Element: Crisis Type, ID:000613]
OrganizationCalendarDay	OrganizationCalendarDayId	int	No	Surrogate Key
OrganizationCalendarDay	OrganizationCalendarId	int	No	Foreign key - OrgainzationCalendar
OrganizationCalendarDay	DayName	nvarchar(30)	No	An name used for the school day, typically used for the bell schedule.
OrganizationCalendarDay	AlternateDayName	nvarchar(30)	Yes	An alternate name used for the school day, typically used for the bell schedule (e.g., Blue day, Red day). [CEDS Element: Alternate Day Name, ID:000598]
OrganizationCalendarEvent	OrganizationCalendarEventId	int	No	Surrogate Key
OrganizationCalendarEvent	OrganizationCalendarId	int	No	Foreign key - OrganizationCalendar
OrganizationCalendarEvent	Name	nvarchar(30)	No	A name used for the day of the calendar event. [CEDS Element: Calendar Event Day Name, ID:001276]
OrganizationCalendarEvent	Date	date	No	The date of the scheduled or unscheduled event that causes interruption in direct instruction, service delivery, or program operation. [CEDS Element: Calendar Event Date, ID:001275]
OrganizationCalendarEvent	RefCalendarEventType	int	Yes	The type of scheduled or unscheduled event that causes interruption in direct instruction. [CEDS Element: Calendar Event Type, ID:000603] (Foreign key - RefCalendarEventType)
OrganizationCalendarSession	OrganizationCalendarSessionId	int	No	Surrogate Key
OrganizationCalendarSession	Designator	nvarchar(7)	Yes	The academic session for which the data are recorded and applicable. [CEDS Element: Session Designator, ID:000252]
OrganizationCalendarSession	BeginDate	date	Yes	The date on which a session begins. [CEDS Element Session Begin Date, ID:000251]
OrganizationCalendarSession	EndDate	date	Yes	The date on which a session ends. [CEDS Element: Session End Date, ID:000253]

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OrganizationCalendarSession	RefSessionTypeId	int	Yes	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. [CEDS Element: Session Type, ID:000254]	
OrganizationCalendarSession	InstructionalMinutes	decimal(18,0)	Yes	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. [CEDS Element: Instructional Minutes, ID:000499]	
OrganizationCalendarSession	Code	nvarchar(30)	Yes	A local code given to the session, usually for a session that represents a term within the school year such as a marking term. [CEDS Element: Session Code, ID:001270]	
OrganizationCalendarSession	Description	nvarchar(max)	Yes	A short description of the Session. [CEDS Element: Session Description, ID:001271]	
OrganizationCalendarSession	MarkingTermIndicator	bit	Yes	Indicates that the session is a marking term. [CEDS Element: Session Marking Term Indicator, ID:001272]	
OrganizationCalendarSession	SchedulingTermIndicator	bit	Yes	Indicates that the session is a scheduling term. [CEDS Element: Session Scheduling Term Indicator, ID:001273]	
OrganizationCalendarSession	AttendanceTermIndicator	bit	Yes	Indicates that the session is an attendance term. [CEDS Element: Session Attendance Term Indicator, ID:001274]	
OrganizationCalendarSession	OrganizationCalendarId	int	Yes	Surrogate key from OrganizationCalendar.	
OrganizationCalendarSession	DaysInSession	int	Yes	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. [CEDS Element: Days In Session, ID:000496]	
OrganizationCalendarSession	FirstInstructionDate	date	Yes	The date of the first day of student instruction for the school year. [CEDS Element: First Instruction Date, ID:000497]	
OrganizationCalendarSession	LastInstructionDate	date	Yes	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). [CEDS Element: Last Instruction Date, ID:000498]	
OrganizationCalendarSession	MinutesPerDay	int	Yes	The number of minutes in the day in which the school is normally in session. [CEDS Element: Minutes Per Day, ID:000500]	
OrganizationCalendarSession	SessionStartTime	time	Yes	Time at which the organization begins the session. [CEDS Element: Session Start Time, ID:000985]	

OrganizationCalendarSession	SessionEndTime	time	Yes	Time at which the organization concludes the session [CEDS Element: Session End Time, ID:000986]
OrganizationEmail	OrganizationEmailId	int	No	Surrogate Key
OrganizationEmail	OrganizationId	int	No	Foreign key - Organization
OrganizationEmail	ElectronicMailAddress	nvarchar(128)	Yes	The numbers, letters, and symbols used to identify an electronic mail (e-mail) user within the network to which the person or organization belongs. [CEDS Element: Electronic Mail Address, ID:000088]
OrganizationEmail	RefEmailTypeId	int	Yes	The type of electronic mail (e-mail) address listed for a person or organization. [CEDS Element: Electronic Mail Address Type, ID:000089]
OrganizationFederalAccountability	OrganizationFederalAccountabilityId	int	No	Surrogate Key
OrganizationFederalAccountability	OrganizationId	int	No	Surrogate key from Organization.
OrganizationFederalAccountability	RefAypStatusId	int	Yes	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. [CEDS Element: Adequate Yearly Progress Status, ID:000011] (Foreign key - RefAypStatus)
OrganizationFederalAccountability	AlternateAypApproachIndicator	bit	Yes	An indication of whether the district or school used an approved alternate approach for calculating Adequate Yearly Progress (AYP). [CEDS Element: Alternate Adequate Yearly Progress Approach Indicator, ID:000014]
OrganizationFederalAccountability	AypAppealChangedDesignation	bit	Yes	An indication that the appeal resulted in a change in a school or district's AYP designation. [CEDS Element: Adequate Yearly Progress Appeal Changed Designation, ID:000443]
OrganizationFederalAccountability	AypAppealProcessDate	date	Yes	The last date that an appeal of an AYP designation was processed. [CEDS Element: Adequate Yearly Progress Appeal Process Date, ID:000444]
OrganizationFederalAccountability	AypAppealProcessDesignation	bit	Yes	An indication that the appeal resulted in a change in a school or district's AYP designation. [CEDS Element: Adequate Yearly Progress Appeal Changed Designation, ID:000443]
OrganizationFederalAccountability	AmaoAypProgressAttainmentLepStudents	int	Yes	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. [CEDS Element: Annual Measurable Achievement Objective AYP Progress Attainment Status for LEP Students, ID:000579]

OrganizationFederalAccountability	AmaoProficiencyAttainmentLepStudents	int	Yes	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. [CEDS Element: Annual Measurable Achievement Objective Proficiency Attainment Status for LEP Students, ID:000544]
OrganizationFederalAccountability	AmaoProgressAttainmentLepStudents	int	Yes	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. [CEDS Element: Annual Measurable Achievement Objective Progress Attainment Status for LEP Students, ID:000554]
OrganizationFederalAccountability	RefGunFreeSchoolsActStatusReportingId	int	Yes	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. [CEDS Element: Gun Free Schools Act Reporting Status, ID:000134] (Foreign key - RefGunFreeSchoolsActStatusReporting)
OrganizationFederalAccountability	RefHighSchoolGraduationRateIndicator	int	Yes	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. [CEDS Element: High School Graduation Rate Indicator Status, ID:000140] (Foreign key - RefHSGraduationRateIndicator)
OrganizationFederalAccountability	RefParticipationStatusMathId	int	Yes	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. [CEDS Element: Participation Status for Math, ID:000208] (Foreign key - RefParticipationStatusApp)
OrganizationFederalAccountability	RefParticipationStatusReadingAndLanguageArtsId	int	Yes	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. [CEDS Element: Participation Status for Reading and Language Arts, ID:000209] (Foreign key - RefParticipationStatusApp)
OrganizationFederalAccountability	RefProficiencyTargetStatusMathId	int	Yes	An indication of whether the school or district met the math proficiency target in accordance with state definition for the purposes of determining AYP. [CEDS Element: Proficiency Target Status for Math, ID:000221] (Foreign key - RefParticipationTargetApp)
OrganizationFederalAccountability	RefProficiencyTargetStatusReadingAndLanguageArtsId	int	Yes	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. [CEDS Element: Proficiency Target Status for Reading and Language Arts, ID:000553] (Foreign key - RefParticipationTargetApp)
OrganizationFederalAccountability	PersistentlyDangerousStatus	bit	Yes	An indication of whether the school is identified as persistently dangerous in accordance with state definition. [CEDS Element: Persistently Dangerous Status, ID:000210]

OrganizationFederalAccountability	RefReconstitutedStatusId	int	Yes	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). [CEDS Element: Reconstituted Status, ID:000230] (Foreign key - RefReconstitutedStatus)
OrganizationFederalAccountability	RefElementaryMiddleAdditionalId	int	Yes	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). [CEDS Element: Elementary-Middle Additional Indicator Status, ID:000091] (Foreign key - RefElementaryMiddleAdditional)
OrganizationFederalAccountability	AccountabilityReportTitle	nvarchar(80)	Yes	The title of the accountability report. [CEDS Element: Accountability Report Title, ID:000005]
OrganizationFederalAccountability	RefCteGraduationRateInclusionId	int	Yes	An indication of how CTE concentrators are included in the state's computation of its graduation rate. [CEDS Element: Career and Technical Education Graduation Rate Inclusion, ID:000075] (Foreign key - RefCteGraduationRateInclusion)
OrganizationIdentifier	OrganizationIdentifierId	int	No	Surrogate Key
OrganizationIdentifier	Identifier	int	No	A unique number or alphanumeric code assigned to an organization by a school, school system, a state, or other agency or entity. [CEDS Elements: Organization Identifier (000826), Class Section Identifier (000978), Course Identifier (000055), Adult Education Service Provider Identifier (001076), Program Identifier (000625), Local Education Agency Identifier (001068), School Identifier (001069), Classroom Identifier (000364)]
OrganizationIdentifier	RefOrganizationIdentificationSystemId	int	Yes	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to an organization. [CEDS Element: Organization Identification System, ID:000827] (Foreign key - RefIdentifierOrganization.)
OrganizationIdentifier	OrganizationId	int	No	Foreign key - Organization.
OrganizationIndicator	OrganizationIndicatorId	int	No	Surrogate Key
OrganizationIndicator	OrganizationId	int	No	Foreign key - Organization
OrganizationIndicator	IndicatorValue	nvarchar(50)	No	NULL
OrganizationIndicator	RefOrganizationIndicatorId	int	No	A indicator/metric/measure that is tracked at the organization level. (Foreign key - RefOrganizationIndicator)
OrganizationLocation	OrganizationLocationId	int	No	Surrogate Key
OrganizationLocation	OrganizationId	int	No	Foreign key - Organization.
OrganizationLocation	LocationId	int	No	Foreign key - Location.

OrganizationLocation	RefOrganizationLocationTypeId	int	Yes	The type of address listed for an organization. [CEDs Element: Address Type for Organization, ID:001066] (Foreign key - RefOrganizationLocationType)
OrganizationOperationalStatus	OrganizationOperationalStatusId	int	No	Surrogate Key
OrganizationOperationalStatus	OrganizationId	int	No	Surrogate key from Organization.
OrganizationOperationalStatus	RefOperationalStatusId	int	No	Surrogate key from RefOperationalStatus. Organization operating status values. [CEDs Elements: School Operational Status (000533), Local Education Agency Operational Status (000174)] (Foreign key - RefOperationalStatus)
OrganizationOperationalStatus	OperationalStatusEffectiveDate	date	Yes	The effective date for a change in operational status. [CEDs Element: Operational Status Effective Date, ID:000534]
OrganizationPersonRole	OrganizationPersonRoleId	int	No	Surrogate Key
OrganizationPersonRole	OrganizationId	int	No	Surrogate key from Organization.
OrganizationPersonRole	PersonId	int	No	Surrogate key from Person
OrganizationPersonRole	RoleId	int	No	Surrogate key from Role. The name of the role, e.g. Student, Staff, Employee
OrganizationPersonRole	EntryDate	datetime	Yes	The date associated with the commencement/entry/start of a role for a person at an organization. [Related CEDs ID's:000007, 000054, 000251, 000097, 000098, 000326, 000793, 000974, 000083, 000346, 000590, 001061, 000645, 000998\]
OrganizationPersonRole	ExitDate	datetime	Yes	The date associated with the termination/exit/end of a role for a person at an organization. [Related CEDs ID's: 000008, 000527, 000059, 000082, 000795, 000253, 000646, 000999, 000107, 000570, 000591, 000327, 000263, 000999]
OrganizationPolicy	OrganizationPolicyId	int	No	Surrogate Key
OrganizationPolicy	OrganizationId	int	No	Surrogate key from Organization
OrganizationPolicy	PolicyType	nvarchar(100)	No	The type of organizational policy. Examples would include Immunization Policy, Referral Policy, Language Translation Policy, Employee Policy, etc.
OrganizationPolicy	Value	nvarchar(100)	No	The value representing the existence, use, or type of implementation of the policy.
OrganizationProgramType	OrganizationProgramTypeId	int	No	Surrogate Key
OrganizationProgramType	OrganizationId	int	No	Foreign key - Organization

OrganizationProgramType	RefProgramTypeId	int	No	Surrogate key from RefProgramType. 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. [CEDs Element: Program Type, ID:000225] (Foreign key - RefProgramType)
OrganizationRelationship	OrganizationRelationshipId	int	No	Surrogate Key
OrganizationRelationship	Parent_OrganizationId	int	No	Foreign key - Organization
OrganizationRelationship	OrganizationId	int	Yes	Foreign key - Organization
OrganizationRelationship	RefOrganizationRelationshipId	int	No	The type of relationship of one organization to another.
OrganizationTelephone	OrganizationTelephoneId	int	No	Surrogate Key
OrganizationTelephone	OrganizationId	int	No	Foreign key - Organization
OrganizationTelephone	TelephoneNumber	nvarchar(24)	No	The telephone number including the area code, and extension, if applicable. [CEDs Element: Telephone Number, ID:000279]
OrganizationTelephone	PrimaryTelephoneNumberIndicator	bit	No	An indication that the telephone number should be used as the principal number for a person or organization. [CEDs Element: Primary Telephone Number Indicator, ID:000219]
OrganizationTelephone	RefInstitutionTelephoneTypeId	int	Yes	The type of communication number listed for an organization. [CEDs Element: Institution Telephone Number Type, ID:000167] (Foreign key - RefInstitutionTelephoneType)
OrganizationWebsite	OrganizationId	int	No	Inherited surrogate key from Location
OrganizationWebsite	Website	nvarchar(300)	Yes	The Uniform Resource Locator (URL) for the unique address of a Web page. [CEDs Element: Web Site Address, ID:000704]
PeerRatingSystem	PeerRatingSystemId	int	No	Surrogate Key
PeerRatingSystem	Name	nvarchar(60)	No	The name of the scaling system used to specify the Peer Rating. [CEDs Element: Peer Rating System Name, ID:001147]
PeerRatingSystem	MaximumValue	decimal(18,4)	Yes	The maximum value allowed by the Peer Rating System. [CEDs Element: Peer Rating System Maximum Value, ID:001149]
PeerRatingSystem	MinimumValue	decimal(18,4)	No	The minimum value allowed by the Peer Rating System. [CEDs Element: Peer Rating System Minimum Value, ID:001150]

PeerRatingSystem	OptimumValue	decimal(18,4)	Yes	The optimum value allowed by the Peer Rating System. The optimum or best rating may be the maximum value, the minimum value, or something in between. [CEDS Element: Peer Rating System Optimum Value, ID:001151]
Person	PersonId	int	No	Surrogate Key
Person	FirstName	nvarchar(35)	Yes	The full legal first name given to a person at birth, baptism, or through legal change. [CEDS Element: First Name, ID: 000115]
Person	MiddleName	nvarchar(35)	Yes	A full legal middle name given to a person at birth, baptism, or through legal change.. [CEDS Element: Middle Name, ID: 000182]
Person	LastName	nvarchar(35)	No	The full legal last name borne in common by members of a family. [CEDS Element: Last or Surname, ID: 000174]
Person	GenerationCode	nvarchar(10)	Yes	An appendage, if any, used to denote a person's generation in his family (e.g., Jr., Sr., III). [CEDS Element: Generation Code or Suffix, ID: 000121]
Person	Prefix	nvarchar(30)	Yes	An appellation, if any, used to denote rank, placement, or status (e.g., Mr., Ms., Reverend, Sister, Dr., Colonel). [CEDS Element: Personal Title or Prefix, ID:000212]
Person	Birthdate	date	Yes	The date on which a person was born. [CEDS Element: Birthdate, ID:000033]
Person	RefSexId	int	Yes	The concept describing the biological traits that distinguish the males and females of a species. [CEDS Element: Sex, ID:000255] (Foreign key - RefSex)
Person	HispanicLatinoEthnicity	bit	Yes	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. [CEDS Element: Hispanic or Latino Ethnicity, ID:000144]
Person	RefUSCitizenshipStatusId	int	Yes	An indicator of whether or not the person is a US citizen. [CEDS Element: United States Citizenship Status, ID:000299]
Person	RefVisaTypeId	int	Yes	An indicator of a non-US citizen's Visa type. [CEDS Element: Visa Type, ID:000196]
Person	RefStateOfResidenceId	int	Yes	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. [CEDS Element: State of Residence, ID:000268] (Foreign key - RefUSStateAbbreviation)
Person	RefProofOfResidencyId	int	Yes	An accepted form of proof of residency in the district/county/other locality. [CEDS Element: Proof of Residency, ID:000305] (Foreign key - RefProofOfResidency)

Person	RefHighestEducationLevelCompletedId	int	Yes	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). [CEDS Element: Highest Level of Education Completed, ID:000141] (Foreign key - RefHighestEducationLevelCompleted)
Person	RefPersonalInformationVerificationId	int	Yes	The evidence by which a persons name, address, date of birth, etc. is confirmed. [CEDS Element: Personal Information Verification, ID:000618] (Foreign key - RefPersonalInformationVerification)
PersonAddress	PersonAddressId	int	No	Surrogate Key
PersonAddress	PersonId	int	No	Foreign key - Person
PersonAddress	RefPersonLocationTypeId	int	No	Identifies the type of location (home, work, etc.) (Foreign key - RefPersonLocationType)
PersonAddress	StreetNumberAndName	nvarchar(40)	Yes	The street number and street name or post office box number of an address. [CEDS Element: Address Street Number and Name, ID: 000269]
PersonAddress	ApartmentRoomOrSuiteNumber	nvarchar(30)	Yes	The apartment, room, or suite number of an address. [CEDS Element: Address Apartment Room or Suite Number, ID:000019]
PersonAddress	City	nvarchar(30)	Yes	The name of the city in which an address is located. [CEDS Element: Address City, ID:000040]
PersonAddress	RefStateId	int	Yes	The state where the address is located. (Foreign key - RefState)
PersonAddress	PostalCode	nvarchar(17)	Yes	A number that identifies each postal delivery area in the United States used as a portion of an address. [CEDS Element: Address Postal Code, ID:000214]
PersonAddress	AddressCountyName	nvarchar(30)	Yes	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located. [CEDS Element: Address County Name, ID:000190]
PersonAddress	RefCountyId	int	Yes	The county where the address is located. (Foreign key - RefCounty)
PersonAddress	RefCountryId	int	Yes	The country where the address is located. (Foreign key - RefCountry)
PersonAddress	Latitude	nvarchar(20)	Yes	The north or south angular distance from the equator that, when combined with longitude, reflects an estimation of where the school is physically situated. [CEDS Element: Latitude, ID:000606]
PersonAddress	Longitude	nvarchar(20)	Yes	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. [CEDS Element: Longitude, ID:000607]
PersonAddress	RefPersonalInformationVerificationId	int	Yes	The evidence by which a persons name, address, date of birth, etc. is confirmed. [CEDS Element: Personal Information Verification, ID:000618] (Foreign key - RefPersonalInformationVerification)
PersonBirthplace	PersonId	int	No	Surrogate key from Person.

PersonBirthplace	City	nvarchar(30)	Yes	The name of the city in which a person was born. [CEDS Element: City of Birth, ID:000426]
PersonBirthplace	RefStateId	int	Yes	The state in which a person was born. [CEDS Element: State of Birth Abbreviation, ID:000427] (Foreign key - RefState)
PersonBirthplace	RefCountryId	int	Yes	The country in which a person is born. [CEDS Element: Country of Birth Code, ID:000051] (Foreign key - RefCountry)
PersonCredential	PersonCredentialId	int	No	Surrogate Key
PersonCredential	PersonId	int	No	Foreign key - Person.
PersonCredential	CredentialName	nvarchar(60)	Yes	The name of the license/credential awarded by a given profession. [CEDS Element: Name of Professional Credential or License, ID:001058]
PersonCredential	RefCredentialTypeId	int	Yes	An indication of the category of credential a person holds. [CEDS Element: Credential Type, ID:000071] (Foreign key - RefCredentialType)
PersonCredential	IssuanceDate	date	Yes	The date on which an active credential was issued to a person. [CEDS Element: Credential Issuance Date, ID:000070]
PersonCredential	ExpirationDate	date	Yes	The date on which an active credential held by a person will expire. [CEDS Element: Credential Expiration Date, ID:000069]
PersonCredential	RefIssuingStateId	int	Yes	State where the professional license/credential was issued. [CEDS Element: State Issuing Professional Credential or License, ID:000805] (Foreign key - RefStateId)
PersonDegreeOrCertificate	PersonDegreeOrCertificateId	int	No	Surrogate Key
PersonDegreeOrCertificate	PersonId	int	No	Foreign key - Person
PersonDegreeOrCertificate	DegreeOrCertificateTitleOrSubject	nvarchar(45)	Yes	The name of the degree or certificate earned by a person. This includes honorary degrees conferred upon an individual. [CEDS Element: Degree or Certificate Title or Subject, ID:000342]
PersonDegreeOrCertificate	RefDegreeOrCertificateTypeId	int	Yes	The type of degree or certificate earned by a person. [CEDS Element: Degree or Certificate Type, ID:000343] (Foreign key - RefDegreeOrCertificateType)
PersonDegreeOrCertificate	AwardDate	date	Yes	The date on which a person received a degree or certificate. [CEDS Elements: Degree or Certificate Conferring Date (000344), Diploma or Credential Award Date (000081)]
PersonDegreeOrCertificate	NameOfInstitution	nvarchar(60)	Yes	The full legally accepted name of the institution. [CEDS Element: Name of Institution, ID:000191]

PersonDegreeOrCertificate	RefHigherEducationInstitutionAccreditationStatusId	int	Yes	An indication of the accreditation status of a higher education institution. [CEDS Element: Higher Education Institution Accreditation Status, ID:000818]
PersonDemographicRace	PersonDemographicRaceId	int	No	Surrogate Key
PersonDemographicRace	PersonId	int	No	Foreign key - Person.
PersonDemographicRace	RefRaceId	int	No	Foreign key - RefRace.
PersonDisability	PersonId	int	No	Inherited surrogate key from Person.
PersonDisability	RefPrimaryDisabilityId	int	Yes	The major or overriding disability condition that best describes a person's impairment. [CEDS Element: Primary Disability Type, ID:000218] (Foreign key - RefDisability)
PersonDisability	DisabilityStatus	bit	Yes	An indication of whether a person is classified as disabled under the American's with Disability Act (ADA). [CEDS Element: Disability Status, ID:000577]
PersonEmailAddress	PersonEmailAddressId	int	No	Surrogate Key
PersonEmailAddress	PersonId	int	No	Foreign key - Person.
PersonEmailAddress	EmailAddress	nvarchar(128)	Yes	The numbers, letters, and symbols used to identify an electronic mail (e-mail) user within the network to which the person or organization belongs. [CEDS Element: Electronic Mail Address, ID:000088]
PersonEmailAddress	RefEmailTypeId	int	Yes	The type of electronic mail (e-mail) address listed for a person or organization. [CEDS Element: Electronic Mail Address Type, ID:000089] (Foreign key - RefEmailType)
PersonFamily	PersonFamilyId	int	No	Surrogate Key
PersonFamily	PersonId	int	No	Foreign key - Person
PersonFamily	FamilyIdentifier	nvarchar(30)	Yes	A unique number or alphanumeric code assigned to a family by a school, school system, a state, or other agency or entity. [CEDS Element: Family Identifier, ID:000787]
PersonFamily	NumberOfPeopleInFamily	int	Yes	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. [CEDS Element: Number of People in Family, ID:000330]

PersonFamily	NumberOfPeopleInHousehold	int	Yes	Total number of persons residing in the same household. [CEDS Element: Number of People in Household, ID:000331]
PersonFamily	FamilyIncome	decimal(10,2)	Yes	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. [CEDS Element: Family Income, ID:000332]
PersonFamily	RefFamilyIncomeSourceId	int	Yes	Sources of total family income. [CEDS Element: Source of Family Income, ID:000333] (Foreign key - RefFamilyIncomeSource)
PersonFamily	RefIncomeCalculationMethodId	int	Yes	The calculation method used by a program to determine total family income. [CEDS Element: Income Calculation Method, ID:000334] (Foreign key - RefIncomeCalculationMethod)
PersonFamily	RefProofOfResidencyId	int	Yes	An accepted form of proof of residency in the district/county/other locality. [CEDS Element: Proof of Residency, ID:000305] (Foreign key - RefProofOfResidency)
PersonFamily	RefELProgramEligibilityId	int	Yes	Category under which the person is eligible for an early childhood program or service. [CEDS Element: Early Learning Program Eligibility Category, ID:000304] (Foreign key - RefELProgramEligibility)
PersonFamily	RefHighestEducationLevelCompletedId	int	Yes	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). [CEDS Element: Highest Level of Education Completed, ID:000141] (Foreign key - RefHighestLevelOfEducationCompleted)
PersonFamily	RefCommunicationMethodId	int	Yes	The types of communication methods with family members. [CEDS Element: Parent Communication Method, ID:000857]
PersonHealth	PersonHealthId	int	No	Surrogate Key
PersonHealth	PersonId	int	No	Foreign key - Person
PersonHealth	VisionScreeningDate	date	Yes	The date of a vision screening. [CEDS Element: Vision Screening Date, ID:000703]

PersonHealth	RefVisionScreeningStatusId	int	Yes	Status of an examination used to measure a person's ability to see. [CEDS Element: Vision Screening Status, ID:000308] (Foreign key - RefVisionScreeningStatus)
PersonHealth	HearingScreeningDate	date	Yes	The date of a hearing screening. [CEDS Element: Hearing Screening Date, ID:000705]
PersonHealth	RefHearingScreeningStatusId	int	Yes	Status of an examination used to measure a person's ability to perceive sounds. [CEDS Element: Hearing Screening Status, ID:000309] (Foreign key - RefHearingScreeningStatus)
PersonHealth	DentalScreeningDate	date	No	The date of a dental screening [CEDS Element: Dental Screening Date, ID:000706]
PersonHealth	RefDentalScreeningStatusId	int	Yes	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. [CEDS Element: Dental Screening Status, ID:000310] (Foreign key - RefDentalScreeningStatus)
PersonHealth	RefHealthInsuranceCoverageId	int	Yes	The nature of insurance covering an person's hospitalization and other health or medical care. [CEDS Element: Insurance Coverage, ID:000335] (Foreign key - RefInsuranceType)
PersonHealth	RefDentalInsuranceCoverageId	int	Yes	The nature of insurance covering an person's dental care. [CEDS Element: Dental Insurance Coverage, ID:000336] (Foreign key - RefInsuranceType)
PersonHealth	RefMedicalAlertIndicatorId	int	Yes	Alert indicator for a medical/health condition. [CEDS Element: Medical Alert Indicator, ID:000439] (Foreign key - RefMedicalAlertIndicator)
PersonHealthBirth	PersonId	int	No	Inherited surrogate key from Person.
PersonHealthBirth	WeeksOfGestation	int	Yes	The number of weeks during gestational period. [CEDS Element: Weeks of Gestation, ID:000313]
PersonHealthBirth	MultipleBirthIndicator	bit	Yes	An indication that the person is a twin, triplet, etc. [CEDS Element: Multiple Birth Indicator, ID:000431]
PersonHealthBirth	WeightAtBirth	nvarchar(20)	Yes	The weight of a child at birth in pounds and ounces. [CEDS Element: Weight at Birth, ID:000312]
PersonHomelessness	PersonId	int	No	Inherited surrogate key from Person.

PersonHomelessness	HomelessnessStatus	bit	No	Persons 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). [CEDS Element: Homelessness Status, ID:000149]
PersonHomelessness	RefHomelessNighttimeResidenceId	int	No	The primary nighttime residence of the students at the time the students are identified as homeless. [CEDS Element: Homeless Primary Nighttime Residence, ID:000146] (Foreign key - RefHomelessNighttimeResidence)
PersonIdentifier	PersonIdentifierId	int	No	Surrogate Key
PersonIdentifier	PersonId	int	No	Inherited surrogate key from Person.
PersonIdentifier	Identifier	nvarchar(30)	Yes	A unique number or alphanumeric code assigned to a person by an organization, a state, or other agency or entity. [Related CEDS Elements: Child Identifier (001080), Staff Member Identifier (001070), Student Identifier (001071)]
PersonIdentifier	RefPersonIdentificationSystemId	int	No	The type of person identifier. [Related CEDS Elements: Child Identification System (000785), Student Identification System (001075), Staff Member Identification System(001074), Social Security Number (000259)] (Foreign key - RefPersonIdentificationSystem)
PersonIdentifier	RefPersonAllInformationVerificationId	int	Yes	The evidence by which a persons name, address, date of birth, etc. is confirmed. [CEDS Element: Personal Information Verification, ID:000618] (Foreign key - RefPersonAllInformationVerification)
PersonImmunization	PersonImmunizationId	int	No	PK
PersonImmunization	PersonId	int	No	Foreign key - Person.
PersonImmunization	ImmunizationDate	date	No	The date of an immunization. [CEDS Element: Immunization Date, ID:000306]

PersonImmunization	RefImmunizationTypeId	int	No	An indication of the type of immunization that an individual has satisfactorily received. (Note: The International Classification of Diseases (ICD) is maintained by the World Health Organization. The ICD is revised periodically to incorporate changes in the medical field, the most updated and detailed list of International Statistical Classification of Diseases and Related Health Problems can be found at http://www.who.int/classifications/apps/icd/icd10online). [CEDS Element: Immunization Type, ID:001248] (Foreign key - RefImmunizationType)
PersonLanguage	PersonLanguageId	int	No	Surrogate Key
PersonLanguage	PersonId	int	No	Foreign key - Person
PersonLanguage	RefLanguageId	int	No	The specific language or dialect that a person uses to communicate. [CEDS Element: Language Code, ID:000317] (Foreign key - RefLanguage)
PersonLanguage	RefLanguageUseTypeId	int	No	An indication of the function and context in which a person uses a language to communicate. [CEDS Element: Language Type, ID:000316] (Foreign key - RefLanguageUseType)
PersonOtherName	PersonOtherNameId	int	No	Surrogate Key
PersonOtherName	PersonId	int	No	Foreign key - Person.
PersonOtherName	RefOtherNameTypeId	int	No	The types of previous, alternate or other names for a person. [CEDS Element: Other Name Type, ID:000634] (Foreign key - RefOtherNameType)
PersonOtherName	OtherName	nvarchar(40)	Yes	Previous, alternate or other names or aliases associated with the person.. [CEDS Element: Other Name, ID:000206]
PersonProgramParticipation	OrganizationPersonRoleId	int	No	Surrogate Key from Organization Person Role. Identifies the Person and the Program with effective dates.
PersonProgramParticipation	RefParticipationTypeId	int	Yes	Identifies the code or additional attribute that further defines the individual's participation in the program. [CEDS Elements: Kindergarten Program Participation Type (000714), GED Preparation Program Participation Status (000120)]
PersonProgramParticipation	RefProgramExitReasonId	int	Yes	The documented or assumed reason a student is no longer being served by a special program. [CEDS Element: Exit Reason, ID:000222]
PersonRelationship	PersonRelationshipId	int	No	Surrogate Key
PersonRelationship	PersonId	int	No	Foreign key - Person.
PersonRelationship	RelatedPersonId	int	No	Foreign key - Person. Identifies the other person.
PersonRelationship	RefPersonRelationshipId	int	Yes	The nature of the person's relationship to another person. [CEDS Element: Person Relationship to Learner Type, ID:000425] (Foreign key - RefPersonRelationship)

PersonRelationship	CustodialRelationshipIndicator	bit	Yes	An indication that a person has legal custody of a child. [CEDS Element: Custodial Parent or Guardian Indicator, ID:000329]
PersonStatus	PersonStatusId	int	No	Surrogate Key
PersonStatus	PersonId	int	No	Foreign key - Person.
PersonStatus	RefPersonStatusTypeId	int	No	The type of status. (Foreign key - RefPersonStatusType)
PersonStatus	StatusValue	bit	No	1 = Yes/True, 0 = No/False
PersonStatus	StatusStartDate	date	Yes	The date that a status became applicable to an individual. [CEDS Element: Status Start Date, ID:001227]
PersonStatus	StatusEndDate	date	Yes	The last date when a status applied to an individual. [CEDS Element: Status End Date, ID:001228]
PersonTelephone	PersonTelephoneId	int	No	Surrogate Key
PersonTelephone	PersonId	int	No	Foreign key - Person.
PersonTelephone	TelephoneNumber	nvarchar(24)	Yes	The telephone number including the area code, and extension, if applicable. [CEDS Element: Telephone Number, ID:000279]
PersonTelephone	PrimaryTelephoneNumberIndicator	bit	No	An indication that the telephone number should be used as the principal number for a person or organization. [CEDS Element: Primary Telephone Number Indicator, ID:000219]
PersonTelephone	RefPersonTelephoneNumberTypeId	int	Yes	The type of communication number listed for a person. [CEDS Element: Telephone Number Type, ID:000280] (Foreign key - RefPersonTelephoneNumberType)
ProfessionalDevelopmentActivity	ProfessionalDevelopmentActivityId	int	No	Surrogate Key
ProfessionalDevelopmentActivity	ProfessionalDevelopmentId	int	No	Foreign key - ProfessionalDevelopment.
ProfessionalDevelopmentActivity	TrainingTitle	nvarchar(50)	Yes	The title of the training event or series of events. [CEDS Element: Professional Development Training Title, ID:000810]
ProfessionalDevelopmentActivity	TrainingIdentifier	nvarchar(30)	Yes	A unique number or alphanumeric code assigned to an training event as assigned by the organization offering the training. [CEDS Element: Professional Development Training Identifier, ID:000809]
ProfessionalDevelopmentActivity	ActivityStartDate	date	Yes	The date on which an individual begins a course, an education program or a staff development activity. [CEDS Element: Professional Development Activity Start Date, ID:001061]

ProfessionalDevelopmentActivity	ActivityCompletionDate	date	Yes	The date on which an individual completed a course, an education program or a staff development activity. [CEDS Element: Professional Development Activity Completion Date, ID:001062]
ProfessionalDevelopmentActivity	ScholarshipStatus	bit	Yes	An indication of whether a scholarship was received for the person to participate in the professional development. [CEDS Element: Professional Development Scholarship Status, ID:000811]
ProfessionalDevelopmentActivity	RefProfessionalDevelopmentFinancialSupportId	int	Yes	The type of financial assistance received in support of non-credit professional development activities. [CEDS Element: Professional Development Financial Support Type, ID:000812] (Foreign key - RefProfessionalDevelopmentFinancialSupport)
ProfessionalDevelopmentActivity	NumberOfCreditsEarned	decimal(10,2)	Yes	The number of credits a student earned for completing a given course. [CEDS Element: Number of Credits Earned, ID:000200]
ProfessionalDevelopmentActivity	RefCourseCreditUnitId	int	Yes	The type of credit (unit, semester, or quarter) associated with the credit hours earned for the course. [CEDS Element: Course Credit Units, ID:000057] (Foreign key - RefCourseCreditUnit)
ProfessionalDevelopmentRequirement	ProfessionalDevelopmentRequirementId	int	No	Surrogate Key
ProfessionalDevelopmentRequirement	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole.
ProfessionalDevelopmentRequirement	RequiredTrainingClockHours	decimal(6,2)	Yes	Number of clock hours of training required for providers to meet requirements of the state. [CEDS Element: Required Training Clock Hours, ID:000804]
ProgramParticipationA	OrganizationPersonRoleId	int	No	Inherited surrogate key from OrganizationPersonRole.
ProgramParticipationA	RefAeInstructionalProgramType	int	Yes	The type of instructional program in which an adult is enrolled. [CEDS Element: Adult Education Instructional Program Type, ID:001077]
ProgramParticipationA	RefAePostsecondaryTransitionActionId	int	Yes	The action taken with respect to postsecondary enrollment by the learner after program exit or when co-enrolled in ABE and postsecondary with respect to enrollment in a postsecondary educational or occupational skills program building on prior services or training received. [CEDS Element: Adult Education Postsecondary Transition Action, ID:000784]
ProgramParticipationA	PostsecondaryTransitionDate	date	Yes	The date on which a person previously enrolled in adult education entered and began to receive instructional services or training at a postsecondary institution. [CEDS Element: Adult Education Postsecondary Transition Date, ID:001081]

ProgramParticipationA E	RefAeProgramEnvironme ntId	int	Yes	The environment in which an adult participates in an instructional program. [CEDS Element: Adult Education Program Environment, ID:000782]
ProgramParticipationA E	RefAeFunctioningLevelAtI ntakeld	int	Yes	An individual's entering skill level, as defined by the National Reporting System for Adult Education and determined by an approved standardized assessment at program intake. [CEDS Element: Adult Educational Functioning Level at Intake, ID:000779]
ProgramParticipationA E	RefAeFunctioningLevelAtP osttestId	int	Yes	An individual's skill level, as defined by the National Reporting System for Adult Education and determined by an approved standardized assessment after a set time period or number of instructional hours. [CEDS Element: Adult Educational Functioning Level at Posttest, ID:000780]
ProgramParticipationA E	RefGoalsForAttendingAdu ltEducationId	int	Yes	A person's reasons for attending an adult education class or program. [CEDS Element: Goals for Attending Adult Education, ID:001079]
ProgramParticipationA E	DisplacedHomemakerIndi cator	bit	Yes	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. [CEDS Element: Career-Technical-Adult Education Displaced Homemaker Indicator, ID:000084]
ProgramParticipationA E	ProxyContactHours	decimal(5,1)	Yes	The number of instructional hours completed by an adult enrolled in a distance learning program. [CEDS Element: Proxy Contact Hours, ID:000790]
ProgramParticipationC te	OrganizationPersonRoleId	int	No	Surrogate Key - Foreign Key - PersonProgramParticipation
ProgramParticipationC te	CteParticipant	bit	Yes	An indication a student has met the state-defined threshold of Career and Technical Education participation as defined in the State's approved Perkins IV State Plan. [CEDS Element: Career and Technical Education Participant, ID:000592]
ProgramParticipationC te	CteConcentrator	bit	Yes	An indication of a student who has met the state-defined threshold of career and technical education concentrators, as defined in the State's approved Perkins IV State Plan. [CEDS Element: Career and Technical Education Concentrator, ID:000037]
ProgramParticipationC te	CteCompleter	bit	Yes	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. [CEDS Element: Career and Technical Education Completer, ID:000036]

ProgramParticipationC te	SingleParentOrSinglePreg nantWoman	bit	Yes	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. [CEDS Element: Single Parent Or Single Pregnant Woman Status, ID:000580]
ProgramParticipationC te	DisplacedHomemakerIndi cator	bit	Yes	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. [CEDS Element: Career-Technical-Adult Education Displaced Homemaker Indicator, ID:000084]
ProgramParticipationC te	CteNonTraditionalComple tion	bit	Yes	An indication that the CTE student has completed a CTE program in a nontraditional field (where one gender comprises less than 25 percent of the persons employed in those occupations or fields of work). [CEDS Element: Career and Technical Education Nontraditional Completion, ID:000593]
ProgramParticipationC te	RefNonTraditionalGender StatusId	int	Yes	An indication of whether CTE participants were members of an underrepresented gender group (where one gender comprises less than 25 percent of the persons employed in those occupations or field of work). [CEDS Element: Career Technical Education Nontraditional Gender Status, ID:000588] (Foreign key - RefNonTraditionalGenderStatus)
ProgramParticipationF oodService	ProgramParticipationFood ServiceId	int	No	Surrogate Key
ProgramParticipationF oodService	OrganizationPersonRoleId	int	No	Foreign key - OrganizationPersonRole
ProgramParticipationF oodService	RefSchoolFoodServicePro gramId	int	No	An indication of a student's participation in free, reduced price, full price breakfast, lunch, snack, supper, and milk programs. [CEDS Element: Participation in School Food Service Programs, ID:000325] (Foreign key - RefSchoolFoodServiceProgram)
ProgramParticipation Migrant	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole.
ProgramParticipation Migrant	RefMepEnrollmentTypeId	int	Yes	The type of school/migrant education project in which instruction and/or support services are provided. [CEDS Element: Migrant Education Program Enrollment Type, ID:000437] (Foreign key - RefMepEnrollmentType)

ProgramParticipation Migrant	RefMepProjectBasedId	int	Yes	Indicates the type of MEP project based on the location where the MEP services are held. [CEDs Element: Migrant Education Program Project Based, ID:000440] (Foreign key - RefMepProjectBase)
ProgramParticipation Migrant	RefMepServiceTypeId	int	Yes	The type of services received by participating migrant students in the migrant education program (MEP). [CEDs Element: Migrant Education Program Services Type, ID:000186] (Foreign key - RefMepServiceType)
ProgramParticipation Migrant	MepEligibilityExpirationDate	date	Yes	The date 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. [CEDs Element: Migrant Education Program Eligibility Expiration Date, ID:000430]
ProgramParticipation Migrant	ContinuationOfServicesStatus	bit	Yes	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). [CEDs Element: Migrant Education Program Continuation of Services Status, ID:000563]
ProgramParticipation Migrant	RefContinuationOfServicesReasonId	int	Yes	Reason why the student is being served under the continuation of services provision of the MEP. [CEDs Element: Continuation of Services Reason, ID:000429] (Foreign key - RefContinuationOfServices)
ProgramParticipation Migrant	BirthdateVerification	nvarchar(60)	Yes	The evidence by which a child's date of birth is confirmed. [CEDs Element: Birthdate Verification, ID:000428]
ProgramParticipation Migrant	ImmunizationRecordFlag	bit	Yes	Indicates whether the school or MEP program has immunization records on file for the student. [CEDs Element: Immunization Record Flag, ID:000438]
ProgramParticipation Migrant	MigrantStudentQualifyingArrivalDate	date	Yes	The qualifying arrival date (QAD) is the date 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. [CEDs Element: Migrant Student Qualifying Arrival Date, ID:000432]
ProgramParticipation Migrant	LastQualifyingMoveDate	date	Yes	The date of the last qualifying move of a migrant student. [CEDs Element: Last Qualifying Move Date, ID:000171]
ProgramParticipation Migrant	QualifyingMoveFromCity	nvarchar(30)	Yes	The name of the city in which the child resided prior to the qualifying move. [CEDs Element: Qualifying Move From City, ID:000433]

ProgramParticipationMigrant	RefQualifyingMoveFromStateId	int	Yes	Surrogate key from RefStateAbbreviation. The postal abbreviation code for a state (within the United States) or outlying area in which the child resided prior to the qualifying move. [CEDS Element: Qualifying Move From State, ID:000435] (Foreign key - RefState)
ProgramParticipationMigrant	RefQualifyingMoveFromCountryId	int	Yes	Surrogate key from RefCountry. The abbreviation code for a country (other than the US) area in which the child resided prior to the qualifying move. [CEDS Element: Qualifying Move From Country, ID:000434] (Foreign key - RefCounty)
ProgramParticipationMigrant	DesignatedGraduationSchoolId	int	Yes	Foreign key - Organization
ProgramParticipationNeglected	OrganizationPersonRoleId	int	No	Surrogate key from PersonProgramParticipation
ProgramParticipationNeglected	RefNeglectedProgramTypeId	int	Yes	The type of program under ESEA Title I, Part D, Subpart 1 (state programs) or Subpart 2 (LEA). [CEDS Element: Neglected or Delinquent Program Type, ID:000194]
ProgramParticipationNeglected	AchievementIndicator	bit	Yes	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. [CEDS Element: Neglected or Delinquent Academic Achievement Indicator, ID:000635]
ProgramParticipationNeglected	OutcomeIndicator	bit	Yes	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. [CEDS Element: Neglected or Delinquent Academic Outcome Indicator, ID:000636]
ProgramParticipationNeglected	ObtainedEmployment	bit	Yes	An indication that a Neglected or Delinquent student obtained employment. [CEDS Element: Neglected or Delinquent Obtained Employment, ID:000484]
ProgramParticipationSpecialEducation	OrganizationPersonRoleId	int	No	Surrogate Key
ProgramParticipationSpecialEducation	AwaitingInitialIDEAEvaluationStatus	bit	Yes	Awaiting initial evaluation for special education programs and related services under the Individuals with Disabilities Education Act (IDEA). [CEDS Element: Awaiting Initial IDEA Evaluation Status, ID:000031]
ProgramParticipationSpecialEducation	RefIDEAEducationalEnvironmentECId	int	Yes	The program in which children ages 3 through 5 attend and in which these children receive special education and related services. [CEDS Element: IDEA Educational Environment for Early Childhood, ID:000559] (Foreign key - RefIdeaEducationalEnvironment)
ProgramParticipationSpecialEducation	RefIDEAEdEnvironmentSchoolAgeId	int	Yes	The setting in which children ages 6 through 21, receive special education and related services. [CEDS Element: IDEA Educational Environment for School Age, ID:000535] (Foreign key - RefIdeaEducationalEnvironmentSchoolAge)

ProgramParticipationSpecialEducation	SpecialEducationFTE	decimal(5,4)	Yes	Calculated ratio of time the student is in a special education setting. Values range from 0.00 to 1.00. If the student is in a special education setting 25% of the time, the value is .25; if 100% of the time, the value is 1.00. [CEDS Element: Special Education Full Time Equivalency, ID:001242]
ProgramParticipationSpecialEducation	RefSpecialEducationExitReasonId	int	Yes	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. [CEDS Element: Special Education Exit Reason, ID:000260] (Foreign key - RefSpecialEducationExitReason)
ProgramParticipationSpecialEducation	SpecialEducationServicesExitDate	date	Yes	The date a child with disabilities (IDEA) ages 14 through 21 exited special education. [CEDS Element: Special Education Services Exit Date, ID:000263]
ProgramParticipationTeacherPrep	OrganizationPersonRoleId	int	No	Surrogate key - Foreign key - PersonProgramParticipation
ProgramParticipationTeacherPrep	RefTeacherPrepEnrollmentStatusId	int	Yes	An indication of whether a person is pursuing certification as a teacher. [CEDS Element: Teacher Preparation Program Enrollment Status, ID:000767] (Foreign key - RefTeacherPrepEnrollmentStatus)
ProgramParticipationTeacherPrep	RefTeacherPrepCompleterStatusId	int	Yes	An indication of whether a person completed a state-approved teacher preparation program. The fact that a person has or has not been recommended to the state for initial certification or licensure may not be used as a criterion for determining who is a program completer. [CEDS Element: Teacher Preparation Program Completer Status, ID:000768] (Foreign key - RefTeacherPrepCompleterStatus)
ProgramParticipationTeacherPrep	RefSupervisedClinicalExperienceId	int	Yes	An indication of whether a person is enrolled in a supervised clinical experience (including student teaching) as part of a teacher preparation program. [CEDS Element: Supervised Clinical Experience, ID:000771] (Foreign key - RefSupervisedClinicalExperience)
ProgramParticipationTeacherPrep	ClinicalExperienceClockHours	int	Yes	An indication of the number of clock hours (minimum) a student is required to complete associated with a supervised clinical experience. [CEDS Element: Supervised Clinical Experience Clock Hours, ID:000772]
ProgramParticipationTeacherPrep	RefTeachingCredentialBasisId	int	Yes	An indication of the pre-determined criteria for granting the teaching credential that a person holds. [CEDS Element: Teaching Credential Basis, ID:000277] (Foreign key - RefTeachingCredentialBasis)
ProgramParticipationTeacherPrep	RefTeachingCredentialTypeId	int	Yes	An indication of the category of a legal document giving authorization to perform teaching assignment services. [CEDS Element: Teaching Credential Type, ID:000278] (Foreign key - RefTeachingCredentialType)

ProgramParticipationTeacherPrep	RefCriticalTeacherShortageCandidateId	int	Yes	An indication of whether a person is pursuing licensure/certification in a field designated as a shortage area as defined by Title II. [CEDs Element: Critical Teacher Shortage Area Candidate, ID:000770] (Foreign key - RefCriticalTeachShortageCandidate)
ProgramParticipationTitleI	OrganizationPersonRoleId	int	No	Surrogate key from PersonProgramParticipation
ProgramParticipationTitleI	RefTitleIndicatorId	int	Yes	An indication that the student is participating in and served by programs under Title I, Part A of ESEA as amended. [CEDs Element: Title I Indicator, ID:000281]
ProgramParticipationTitleIIILep	OrganizationPersonRoleId	int	No	PK
ProgramParticipationTitleIIILep	RefTitleIIIAccountabilityId	int	Yes	An indication of the progress made by a student toward English proficiency. [CEDs Element: Title III Accountability Progress Status, ID:000536]
ProgramParticipationTitleIIILep	RefTitleIIILanguageInstructionProgramTypeId	int	Yes	The type of Title III language instructional programs. [CEDs Element: Title III Language Instruction Program Type, ID:000447]
PsCourse	OrganizationId	int	No	Inherited surrogate key from Course
PsCourse	RefPsCourseLevelId	int	Yes	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. [CEDs Element: Postsecondary Course Level, ID:000215] (Foreign key - RefPsCourseLevel)
PsInstitution	OrganizationId	int	No	Inherited surrogate key from Organization.
PsInstitution	RefCarnegieBasicClassificationId	int	Yes	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. [CEDs Element: Carnegie Basic Classification, ID:000038] (Foreign key - RefCarnegieBasicClassification)
PsInstitution	RefControlOfInstitutionId	int	Yes	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). [CEDs Element: Control of Institution, ID:000048] (Foreign key - RefControlOfInstitution)
PsInstitution	RefLevelOfInstitutionId	int	Yes	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. [CEDs Element: Level of Institution, ID:000178] (Foreign key - RefLevelOfInstitution)
PsInstitution	RefPredominantCalendarSystem	int	Yes	The method by which an institution structures most of its courses for the academic year. [CEDs Element: Predominant Calendar System, ID:000729] (Foreign key - RefPredominantCalendarSystem)

PsInstitution	RefTenureSystem	int	Yes	An indicator of whether an institution has personnel positions that lead to consideration for tenure. [CEDS Element: Tenure System, ID:000738] (Foreign key - RefTenureSystem)
PsInstitution	VirtualIndicator	bit	Yes	Indicates a school, institution, program, or class/section focuses primarily on instruction in which students and teachers are separated by time and/or location and interact through the use of computers and/or telecommunications technologies. [CEDS Element: Virtual Indicator, ID:001160]
PsInstitution	InstitutionallyControlledHousingStatus	bit	Yes	An indication of whether an institution has any residence hall or housing facility located on- or off-campus that is owned or controlled by an institution and used by the institution in direct support of or in a manner related to, the institution's educational purposes. [CEDS Element: Institutionally Controlled Housing Status, ID:000748]
PsPriceOfAttendance	PSPriceOfAttendancelId	int	No	Surrogate Key
PsPriceOfAttendance	OrganizationId	int	No	Foreign key - PsInstitution
PsPriceOfAttendance	SessionDesignator	nchar(7)	Yes	The academic session (YYYY-MM) for which the data are recorded and applicable. [CEDS Element: Session Designator, ID:000252]
PsPriceOfAttendance	TuitionPublished	decimal(9,2)	Yes	The published tuition for first time, full-time undergraduate students (lower of in-district or in-state for public institutions). Tuition may be charged per term, per course, per credit or per program. [CEDS Element: Tuition - Published, ID:000745]
PsPriceOfAttendance	RefTuitionUnitId	int	Yes	The component for which tuition is being charged. It might be a time period (term, quarter, year, etc.) or it might be an entity of education (course, credit hour, etc.). [CEDS Element: Tuition Unit, ID:000746] (Foreign key - RefTuitionUnit)
PsPriceOfAttendance	BoardCharges	decimal(9,2)	Yes	The charges assessed students for an academic year for the maximum meal plan available. [CEDS Element: Board Charges, ID:000750]
PsPriceOfAttendance	RoomCharges	decimal(9,2)	Yes	The charges for an academic year for rooming accommodations for a typical student sharing a room with one other student. [CEDS Element: Room Charges, ID:000749]
PsPriceOfAttendance	BooksAndSuppliesCosts	decimal(9,2)	Yes	The average cost for books and supplies for a typical student for an entire academic year (or program). Does not include unusual costs for special groups of students (e.g., engineering or art majors) unless they constitute the majority of students at an institution. [CEDS Element: Books and Supplies Costs, ID:000751]
PsPriceOfAttendance	RequiredStudentFees	decimal(9,2)	Yes	Fixed sum charged to persons for items not covered by tuition and required of such a large proportion of all students that the student who does not pay the charge is the exception. [CEDS Element: Required Student Fees, ID:000747]

PsPriceOfAttendance	ComprehensiveFee	decimal(9,2)	Yes	A single fixed amount of money charged by an institution that covers tuition, required fees, room, and board. For some institutions, this amount may also cover books and supplies. [CEDS Element: Comprehensive Fee, ID:000754]
PsPriceOfAttendance	OtherStudentExpenses	decimal(9,2)	Yes	The amount of money (estimated by the financial aid office) needed by a person to cover expenses such as laundry, transportation, and entertainment. [CEDS Element: Other Student Expenses, ID:000752]
PsPriceOfAttendance	PriceOfAttendance	decimal(9,2)	Yes	The total amount institutions estimate that undergraduate-level full-time, first-time degree-seeking students will pay to attend before financial aid is considered. This price includes tuition and fees, books and supplies, room and board, and certain other designated expenses such as transportation. These estimates are the average amounts used by the financial aid office to determine a student's financial aid. [CEDS Element: Price of Attendance, ID:000753]
PsProgram	PsProgramId	int	No	Surogate Key
PsProgram	OrganizationId	int	No	Foreign key - PsInstitution
PsProgram	RefCipVersionId	int	Yes	The version of CIP being reported. [CEDS Element: Classification of Instructional Program Version, ID:000045] (Foreign key - RefCipVersion)
PsProgram	RefCipCodeId	int	Yes	A six-digit code in the form xx.xxxx that identifies instructional program specialties within educational institutions. [CEDS Element: Classification of Instructional Program Code, ID:000043] (Foreign Key - RefCipCode)
PsProgram	ProgramLengthHours	decimal(9,2)	Yes	The normal length in credit/contact hours of a person's program as published in the institution's catalogue, website, or other official documents. [CEDS Element: Program Length Hours, ID:000223]
PsProgram	RefProgramLengthHoursType	int	Yes	The type of hours (credit or contact) by which the normal length of a program of study is measured. [CEDS Element: Program Length Hours Type, ID:000224] (Foreign key - RefProgramLengthHoursType)
PsProgram	NormalLengthTimeForCompletion	nvarchar(60)	Yes	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. [CEDS Element: Normal Length of Time for Completion, ID:000197]

PsProgram	RefTimeForCompletionUnitsId	int	Yes	The unit of measurement for length of time for completion. [CEDs Element: Normal Length of Time for Completion Units, ID:000198] (Foreign key - RefTimeForCompletionUnits)
PsStaffEmployment	StaffEmploymentId	int	No	PK - Foreign key from StaffEmployment
PsStaffEmployment	RefFullTimeStatusId	int	Yes	An indication of whether an individual is employed for a standard number of hours (as determined by civil or organizational policies) in a week, month, or other period of time. [CEDs Element: Full-time Status, ID:000736] (Foreign key - RefFullTimeStatus)
PsStaffEmployment	FacultyStatus	bit	Yes	Persons identified by the institution as such and typically those whose initial assignments are made for the purpose of conducting instruction, research or public service as a principal activity (or activities). They may hold academic rank titles of professor, associate professor, assistant professor, instructor, lecturer or the equivalent of any of those academic ranks. Faculty may also include the chancellor/president, provost, vice provosts, deans, directors or the equivalent, as well as associate deans, assistant deans and executive officers of academic departments (chairpersons, heads or the equivalent) if their principal activity is instruction combined with research and/or public service. The designation as "faculty" is separate from the activities to which they may be currently assigned. For example, a newly appointed president of an institution may also be appointed as a faculty member. Graduate, instruction, and research assistants are not included in this category. [CEDs Element: Faculty Status, ID:000734]
PsStaffEmployment	RefEmploymentContractTypeId	int	Yes	The type of employment contract used by an institution. [CEDs Element: Contract Type, ID:000737] (Foreign key - RefEmploymentContractType)
PsStaffEmployment	StandardOccupationalClasses	nchar(7)	Yes	A Bureau of Labor Statistics coding system for classifying occupations by work performed and, in some cases, on the skills, education and training needed to perform the work at a competent level. See http://www.bls.gov/soc/soc_structure_2010.pdf . [CEDs Element: Standard Occupational Classification, ID:000730]
PsStaffEmployment	RefIpedOccupationalCategoryId	int	Yes	The Integrated Postsecondary Education Data System (IPEDS) occupational categories used to report employees. [CEDs Element: IPEDS Occupational Category, ID:000731] (Foreign key - RefIpedOccupationalCategory)
PsStaffEmployment	InstructionalStaffStatus	bit	Yes	Staff whose primary function/occupational activity is primarily instruction or instruction combined with research and/or public service. Does not include medical school staff. [CEDs Element: Instructional Staff Status, ID:000732]

PsStaffEmployment	MedicalSchoolStaffStatus	bit	Yes	Staff employed by or employees working in the medical school component of a postsecondary institution or in a free standing medical school. Does not include staff employed by or employees working strictly in a hospital associated with a medical school or those who work in health or allied health schools or departments such as dentistry, veterinary medicine, nursing or dental hygiene. [CEDs Element: Medical School Staff Status, ID:000733]
PsStaffEmployment	RefInstructionalStaffContractLengthId	int	Yes	The contracted teaching period for faculty. [CEDs Element: Instructional Staff Contract Length, ID:000735] (Foreign key - RefInstructStaffContractLength)
PsStaffEmployment	RefInstructionalStaffFacultyTenureId	int	Yes	An indicator of the type of faculty status a person has if, by institutional definition, a staff member has faculty status. [CEDs Element: Instructional Staff Faculty Tenure Status, ID:000739] (Foreign key - RefInstructStaffFacultyTenure)
PsStaffEmployment	RefAcademicRankId	int	Yes	The academic rank of staff whose primary responsibility is instruction, research, and/or public service. Institutions without standard academic ranks should code staff whose primary responsibility is instruction, research, and/or public service as "No Academic Rank." [CEDs Element: Academic Rank, ID:000740] (Foreign key - RefAcademicRank)
PsStaffEmployment	RefInstructionCreditTypeId	int	Yes	A designation of the type(s) of instruction being delivered by staff whose primary responsibility is instruction. Instruction that is for "credit" can be applied toward the requirements for a postsecondary degree, diploma, certificate or other formal award. [CEDs Element: Instruction Credit Type, ID:000741] (Foreign key - RefInstructionCreditType)
PsStaffEmployment	GraduateAssistantStatus	bit	Yes	Graduate-level students employed on a part-time basis, not limited to, but often employed for the primary purpose of assisting in classroom or laboratory instruction or in the conduct of research. Graduate students having titles such as graduate assistant, teaching assistant, teaching associate, teaching fellow, or research assistant typically hold these positions. [CEDs Element: Graduate Assistant Status, ID:000742]
PsStaffEmployment	RefGraduateAssistantIPEDSCategoryId	int	Yes	The Integrated Postsecondary Education Data System (IPEDS) occupational categories used to report graduate assistants. [CEDs Element: Graduate Assistant IPEDS Occupation Category, ID:000743] (Foreign key - RefGraduateAssistIPEDSCategory)
PsStaffEmployment	AnnualBaseContractualSalary	decimal(9,2)	Yes	The total annual base contractual salary of a person. [CEDs Element: Annual Base Contractual Salary, ID:000744]
PsStudentAcademicAward	PsStudentAcademicAwardId	int	No	Surrogate key.
PsStudentAcademicAward	OrganizationPersonRoleId	int	No	Foreign key - OrganizationPersonRole.

PsStudentAcademicAward	AcademicAwardDate	nvarchar(14)	Yes	The year, month and day or year and month on which the academic award was conferred. [CEDS Element: Academic Award Date, ID:000001]
PsStudentAcademicAward	RefAcademicAwardLevelId	int	Yes	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. [CEDS Element: Academic Award Level Conferred, ID:000002] (Foreign key - RefAcademicAwardLevelId)
PsStudentAcademicAward	AcademicAwardTitle	nvarchar(80)	Yes	The descriptive title for the academic award. [CEDS Element: Academic Award Title, ID:000003]
PsStudentAcademicRecord	PsStudentAcademicRecordId	int	No	Surrogate Key
PsStudentAcademicRecord	OrganizationPersonRoleId	int	No	Foreign key - OrganizationPersonRole
PsStudentAcademicRecord	AcademicYearDesignator	nchar(7)	Yes	The academic year for which the data apply. [CEDS Element: Academic Year Designator, ID:000726]
PsStudentAcademicRecord	RefAcademicTermDesignatorId	int	Yes	The academic term for which the data apply. [CEDS Element: Academic Term Designator, ID:000727] (Foreign key - RefAcademicTermDesignator)
PsStudentAcademicRecord	GradePointAverage	decimal(9,4)	Yes	The value of the total quality points divided by the Credit Hours for Grade Point Average. [CEDS Element: Grade Point Average, ID:000127]
PsStudentAcademicRecord	GradePointAverageCumulative	decimal(9,4)	Yes	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. [CEDS Element: Grade Point Average Cumulative, ID:000128]
PsStudentAcademicRecord	DualCreditDualEnrollmentCredits	decimal(9,4)	Yes	The number of credits awarded a student by the postsecondary institution based on successful completion of dual credit/dual enrollment courses. [CEDS Element: Dual Credit Dual Enrollment Credits Awarded, ID:000085]
PsStudentAcademicRecord	AdvancedPlacementCreditsAwarded	int	Yes	The number of credits awarded a student by the postsecondary institution based on successful completion of advanced placement courses and/or advanced placement tests. [CEDS Element: Advanced Placement Credits Awarded, ID:000018]
PsStudentAcademicRecord	RefProfessionalTechCredentialTypeId	int	Yes	An indicator of the category of credential conferred by a state occupational licensing entity or industry organization for competency in a specific area measured by a set of pre-established standards. [CEDS Element: Professional or Technical Credential Conferred, ID:000783] (Foreign key - RefProfTechCredentialType)

PsStudentAcademicRecord	DiplomaOrCredentialAwardDate	nchar(7)	Yes	The month and year on which the diploma/credential is awarded to a student in recognition of his/her completion of the curricular requirements. [CEDS Element: Diploma or Credential Award Date, ID:000081]
PsStudentAdmissionTest	PsStudentAdmissionTestId	int	No	Surrogate Key
PsStudentAdmissionTest	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole
PsStudentAdmissionTest	RefStandardizedAdmissionTestId	int	No	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. [CEDS Element: Standardized Admission Test Type, ID:000266] (Foreign key - RefStandardizedAdmissionTest)
PsStudentAdmissionTest	StandardizedAdmissionTestScore	decimal(9,2)	Yes	The quantitative score on a standardized admission test reported to a postsecondary institution. [CEDS Element: Standardized Admission Test Score, ID:000265]
PsStudentApplication	OrganizationPersonRoleId	int	No	Inherited surrogate key from OrganizationPersonRole.
PsStudentApplication	PostsecondaryApplicant	bit	Yes	An individual who has fulfilled the institution's requirements to be considered for admission (including payment or waiving of the application fee, if any) and who has been notified of one of the following actions: admission, nonadmission, placement on waiting list, or application withdrawn (by applicant or institution). Include early decision, early action, and students who began studies during summer in this cohort. [CEDS Element: Postsecondary Applicant, ID:000755]
PsStudentApplication	GradePointAverageCumulative	decimal(9,2)	Yes	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. [CEDS Element: Grade Point Average Cumulative, ID:000128]
PsStudentApplication	RefGradePointAverageDomainId	int	Yes	The domain to which the Grade Point Average is referencing. [CEDS Element: Grade Point Average Domain, ID:000758] (Foreign key - RefGradePointAverageDomain)
PsStudentApplication	RefGpaWeightedIndicatorId	int	Yes	An indication of whether the reported GPA is weighted or unweighted. [CEDS Element: Grade Point Average Weighted Indicator, ID:000123] (Foreign key - RefGpaWeightedIndicator)
PsStudentApplication	HighSchoolPercentile	decimal(5,4)	Yes	The High School Rank divided by the Size of High School Graduating Class expressed as a percentage. [CEDS Element: High School Percentile, ID:000759]

PsStudentApplication	HighSchoolStudentClassRank	int	Yes	The academic rank of a student in relation to his or her high school graduating class (e.g., 1, 2, 3) based on high school GPA. [CEDS Element: High School Student Class Rank, ID:000041]
PsStudentApplication	HighSchoolGraduatingClassSize	int	Yes	The total number of students in the student's high school graduating class. [CEDS Element: Size of High School Graduating Class, ID:000294]
PsStudentApplication	RefAdmittedStudentId	int	Yes	Applicant who has been granted an official offer to enroll in a postsecondary institution. Admitted applicants should include wait-listed students who were subsequently offered admission. [CEDS Element: Admitted Student, ID:000756] (Foreign key - RefAdmittedStudent)
PsStudentApplication	WaitListedStudent	bit	Yes	A person who meets the admission requirements but will only be offered a place in the class if space becomes available. [CEDS Element: Wait Listed Student, ID:000757]
PsStudentClassSection	PsStudentClassSectionId	int	No	Surrogate key
PsStudentClassSection	PsStudentId	int	No	Foreign key - OrganizationPersonRole
PsStudentClassSection	ClassSectionId	int	No	Foreign key - ClassSection
PsStudentClassSection	CourseOverrideSchool	nvarchar(80)	Yes	The school where the credit was earned if different from the institution reporting. [CEDS Element: Course Override School, ID:000063]
PsStudentClassSection	DegreeApplicability	bit	Yes	An indication that the course is a part of a degree program. [CEDS Element: Degree Applicability, ID:000077]
PsStudentClassSection	AcademicGrade	nvarchar(15)	Yes	The final grade awarded for participation in the course. [CEDS Element: Course Academic Grade, ID:000053]
PsStudentClassSection	NumberOfCreditsEarned	decimal(9,2)	Yes	The number of credits a student earned for completing a given course. [CEDS Element: Number of Credits Earned, ID:000200]
PsStudentClassSection	QualityPointsEarned	decimal(9,2)	Yes	The numerical value assigned to a letter grade to provide a basis of quantitative determination of an average. [CEDS Element: Course Quality Points Earned, ID:000064]
PsStudentDemographic	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole
PsStudentDemographic	RefDependencyStatusId	int	Yes	A person's classification as dependent or independent with regards to eligibility for Title IV Federal Student aid. [CEDS Element: Dependency Status, ID:000079] (Foreign key - RefDependencyStatus)
PsStudentDemographic	RefTuitionResidencyTypeId	int	Yes	A person's residency status for tuition purposes. [CEDS Element: Tuition Residency Type, ID:000297] (Foreign key - RefTuitionResidencyType)

PsStudentDemographic	RefCampusResidencyTypeId	int	Yes	A person's residency arrangement as defined in the Free Application for Federal Student Aid (FAFSA). [CEDS Element: Campus Residency Type, ID:000035] (Foreign key - RefCampusResidencyType)
PsStudentDemographic	RefPsLepType	int	Yes	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. [CEDS Element: Limited English Proficiency - Postsecondary, ID:000179] (Foreign key - RefPsLepType)
PsStudentDemographic	RefPaternalEducationLevelId	int	Yes	The highest level of education attained by a person's father or paternal guardian [CEDS Element: Father's or Paternal Guardian Education, ID:001230] (Foreign key - RefHighestEducationLevelCompleted)
PsStudentDemographic	RefMaternalEducationLevelId	int	Yes	The highest level of education attained by a person's mother or maternal guardian [CEDS Element: Mother's or Maternal Guardian Education, ID:001229] (Foreign key - RefHighestEducationLevelCompleted)
PsStudentDemographic	RefCohortExclusionId	int	Yes	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. [CEDS Element: Cohort Exclusion, ID:000106] (Foreign key - RefCohortExclusion)
PsStudentEmployment	OrganizationPersonRoleId	int	No	Surrogate Key - Foreign key: OrganizationPersonRole
PsStudentEmployment	RefEmployedWhileEnrolledId	int	Yes	An individual who is a paid employee or works in his or her own business, profession, or farm and at the same time is enrolled in secondary, postsecondary, or adult education. [CEDS Element: Employed While Enrolled, ID:000987] (Foreign key - RefEmployedWhileEnrolled)
PsStudentEmployment	RefEmployedAfterExitId	int	Yes	An individual who is a paid employee or works in his or her own business, profession, or farm after exiting secondary, postsecondary, or adult education. [CEDS Element: Employed After Exit, ID:000988] (Foreign key - RefEmployedAfterExit)
PsStudentEmployment	EmploymentNaicsCode	nchar(6)	Yes	The North American Industry Classification System (NAICS) code associated with an individual's employment. [CEDS Element: Employment NAICS Code, ID:001064]
PsStudentEnrollment	PSStudentEnrollmentId	int	No	Surrogate Key
PsStudentEnrollment	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole

PsStudentEnrollment	RefPsEnrollmentTypeId	int	Yes	An indicator of the enrollment type associated with the enrollment award level of a person at the beginning of a term. [CEDS Element: Postsecondary Enrollment Type, ID:000095] (Foreign key - RefPsEnrollmentType)
PsStudentEnrollment	RefPsEnrollmentStatusId	int	Yes	An indication of the student's enrollment status for a particular term as defined by the institution [CEDS Element: Postsecondary Enrollment Status, ID:000096]
PsStudentEnrollment	DegreeOrCertificateSeekingStudent	bit	Yes	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. [CEDS Element: Degree or Certificate Seeking Student, ID:000078]
PsStudentEnrollment	FirstTimePostsecondaryStudent	bit	Yes	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). [CEDS Element: First Time Postsecondary Student, ID:000117]
PsStudentEnrollment	RefPsStudentLevelId	int	Yes	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. [CEDS Element: Student Level, ID:000272] (Foreign key - RefPsStudentLevel)
PsStudentEnrollment	RefPsEnrollmentAwardTypeId	int	Yes	An indicator of the award level in which the person is currently enrolled. [CEDS Element: Enrollment in Postsecondary Award Type, ID:000361] (Foreign key - RefPsEnrollmentAwardType)
PsStudentEnrollment	InitialEnrollmentTerm	nvarchar(30)	Yes	The first registration term of a person enrolling in credit-granting courses at a postsecondary institution after completing high school (or its equivalent). [CEDS Element: Initial Enrollment Term, ID:000165]
PsStudentEnrollment	RefTransferReadyId	int	Yes	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. [CEDS Element: Transfer-ready, ID:000296] (Foreign key - RefTransferReady)
PsStudentEnrollment	InstructionalActivityHoursAttempted	decimal(9,2)	Yes	The number of credit hours and/or contact hours attempted by a person during a term. [CEDS Element: Instructional Activity Hours Attempted, ID:000168]
PsStudentEnrollment	InstructionalActivityHoursCompleted	nchar(10)	Yes	InstructionalActivityHoursCompleted
PsStudentEnrollment	RefInstructionalActivityHoursId	int	Yes	The unit of measure of student instructional activity. [CEDS Element: Instructional Activity Hours Type, ID:000169] (Foreign key - RefInstructionalActivityHours)

PsStudentEnrollment	RefDistanceEducationCourseEnrollmentId	int	Yes	An individual's enrollment in a course or courses in which the instructional content is delivered exclusively via distance education. Distance education is education that uses one or more technologies to deliver instruction to students who are separated from the instructor and to support regular and substantive interaction between the students and the instructor synchronously or asynchronously. Technologies used for instruction may include: Internet; one-way and two-way transmissions through open broadcasts, closed circuit, cable, microwave, broadband lines, fiber optics, satellite or wireless communication devices; audio conferencing; and video cassette, DVDs, and CD-ROMs, if the cassette, DVDs, and CD-ROMs are used in a course in conjunction with the technologies listed above. [CEDs Element: Distance Education Course Enrollment, ID:000728] (Foreign key - RefDistanceEducationCourseEnrollment)
PsStudentEnrollment	HousingOnCampus	bit	Yes	The student resides in a residence hall or housing facility owned or controlled by an institution within the same reasonably contiguous geographic area and used by the institution in direct support of or in a manner related to, the institution's educational purposes. [CEDs Element: Postsecondary Student Housing On-Campus, ID:000760]
PsStudentEnrollment	FraternityParticipationStatus	bit	Yes	Student is in membership of a chiefly social organization of men students at a college or university, usually designated by Greek letters. [CEDs Element: Fraternity Participation Status, ID:000761]
PsStudentEnrollment	SororityParticipationStatus	bit	Yes	Student is in membership of membership in a chiefly social organization of women students at a college or university, usually designated by Greek letters. [CEDs Element: Sorority Participation Status, ID:000762]
PsStudentEnrollment	EntryDateIntoPostsecondary	date	Yes	The date 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). [CEDs Element: Entry Date into Postsecondary, ID:000098]
PsStudentFinancialAid	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole
PsStudentFinancialAid	FinancialAidApplicant	bit	Yes	Any applicant who submits any one of the institutionally required financial aid applications/forms, such as the Free Application for Federal Student Aid (FAFSA). [CEDs Element: Financial Aid Applicant, ID:000763]
PsStudentFinancialAid	FinancialNeed	decimal(9,2)	Yes	The amount of financial need as determined by an institution using the federal methodology and/or your institution's own standards. [CEDs Element: Financial Need, ID:000765]
PsStudentFinancialAid	RefNeedDeterminationMethodId	int	Yes	The methodology used to determine an individual's financial need. [CEDs Element: Financial Need Determination Methodology, ID:001224] (Foreign key - RefNeedDeterminationMethod)

PSSStudentFinancialAid	TitleIVParticipantAndRecipient	bit	Yes	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. [CEDs Element: Title IV Participant and Recipient, ID:000292]
PSSStudentProgram	PSSStudentEnrollmentCipId	int	No	Surrogate Key
PSSStudentProgram	OrganizationPersonRoleId	int	No	Foreign key - Organization
PSSStudentProgram	RefCipUseId	int	Yes	An indicator of whether the CIP Code is referencing an enrollment program or an award program. [CEDs Element: Classification of Instructional Program Use, ID:000044] (Foreign key - RefCipUse)
PSSStudentProgram	PsProgramId	int	Yes	Foreign key - PsProgram
QuarterlyEmploymentRecord	QuarterlyEmploymentRecordId	int	No	Surrogate Key
QuarterlyEmploymentRecord	PersonId	int	No	Foreign key - Person
QuarterlyEmploymentRecord	Earnings	decimal(9,0)	Yes	The quarterly amount paid to individuals found employed. [CEDs Element: Quarterly Employment Record Earnings, ID:000989]
QuarterlyEmploymentRecord	EmploymentNAICSCode	nvarchar(50)	Yes	The North American Industry Classification System (NAICS) code associated with an individual's employment. [CEDs Element: Employment NAICS Code, ID:001064]
QuarterlyEmploymentRecord	ReferenceQuarterStartDate	date	Yes	The date of the first day of the reference quarter. [CEDs Element: Quarterly Employment Record Reference Quarter Start Date, ID:000992]
QuarterlyEmploymentRecord	ReferenceQuarterEndDate	date	Yes	The date of the last day of the reference quarter. [CEDs Element: Quarterly Employment Record Reference Quarter End Date, ID:000993]
QuarterlyEmploymentRecord	RefEmploymentLocationStateId	int	Yes	The state in which an individual is found employed. [CEDs Element: Employment Location State Abbreviation, ID:000990] (Foreign key - RefState)
QuarterlyEmploymentRecord	RefQerAdministrativeDataSourceId	int	Yes	Administrative data source of information used to collect employment and earnings-related data. [CEDs Element: Quarterly Employment Record Administrative Data Source, ID:000994] (Foreign key - RefQerAdministrativeDataSource)
RefAbsentAttendanceCategory	RefAbsentAttendanceCategoryId	int	No	Surrogate Key

RefAbsentAttendance Category	Type	nvarchar(100)	No	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. [CEDs Element: Absent Attendance Category, ID:000599]
RefAbsentAttendance Category	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAbsentAttendance Category	Description	nvarchar(4000)	Yes	NULL
RefAbsentAttendance Category	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAcademicAwardLevel	RefAcademicAwardLevelId	int	No	Surrogate Key
RefAcademicAwardLevel	Type	nvarchar(100)	No	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. [CEDs Element: Academic Award Level Conferred, ID:000002]
RefAcademicAwardLevel	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAcademicAwardLevel	Description	nvarchar(4000)	Yes	NULL
RefAcademicAwardLevel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAcademicHonorType	RefAcademicHonorTypeId	int	No	Surrogate Key
RefAcademicHonorType	Type	nvarchar(100)	No	A designation of the type of academic distinctions earned by or awarded to the student. [CEDs Element: Academic Honors Type, ID:000004]
RefAcademicHonorType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAcademicHonorType	Description	nvarchar(4000)	Yes	NULL
RefAcademicHonorType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAcademicRank	RefAcademicRankId	int	No	Surrogate Key
RefAcademicRank	Type	nvarchar(100)	No	The academic rank of staff whose primary responsibility is instruction, research, and/or public service. Institutions without standard academic ranks should code staff whose primary responsibility is instruction, research, and/or public service as "No Academic Rank." [CEDs Element: Academic Rank, ID:000740]
RefAcademicRank	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefAcademicRank	Description	nvarchar(4000)	Yes	NULL
RefAcademicRank	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAcademicSubject	RefAcademicSubjectId	int	No	Surrogate Key
RefAcademicSubject	Type	nvarchar(100)	No	The description of the academic content or subject area (e.g., arts, mathematics, reading, or a foreign language) being evaluated. [CEDs Element: Assessment Academic Subject, ID:000021]
RefAcademicSubject	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAcademicSubject	Description	nvarchar(4000)	Yes	NULL
RefAcademicSubject	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAcademicTermDesignator	RefAcademicTermDesignatorId	int	No	Surrogate Key
RefAcademicTermDesignator	Type	nvarchar(100)	No	The academic term for which the data apply. [CEDs Element: Academic Term Designator, ID:000727]
RefAcademicTermDesignator	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAcademicTermDesignator	Description	nvarchar(4000)	Yes	NULL
RefAcademicTermDesignator	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAccreditationAgency	RefAccreditationAgencyId	int	No	Surrogate Key
RefAccreditationAgency	Type	nvarchar(100)	No	The agency that accredited a program. [CEDs Element: Accreditation Agency, ID:000982]
RefAccreditationAgency	Code	nvarchar(50)	Yes	The code or abbreviation for the type.
RefAccreditationAgency	Description	nvarchar(4000)	Yes	NULL
RefAccreditationAgency	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefActivityRecognitionType	RefActivityRecognitionTypeId	int	No	Surrogate Key
RefActivityRecognitionType	Type	nvarchar(100)	No	The nature of recognition given to the student for accomplishments in a co-curricular, or extra-curricular activity. [CEDs Element: Recognition for Participation or Performance in an Activity, ID:000229]
RefActivityRecognitionType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefActivityRecognitionType	Description	nvarchar(4000)	Yes	NULL
RefActivityRecognitionType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAdditionalCreditType	RefAdditionalCreditTypeId	int	No	Surrogate Key
RefAdditionalCreditType	Type	nvarchar(100)	No	The type of additional credits or units of value awarded for the completion of a course. [CEDS Element: Additional Credit Type Awarded, ID:000596]
RefAdditionalCreditType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAdditionalCreditType	Description	nvarchar(4000)	Yes	NULL
RefAdditionalCreditType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAdministrativeFundingControl	RefAdministrativeFundingControlId	int	No	Surrogate Key
RefAdministrativeFundingControl	Type	nvarchar(100)	No	The type of education institution as classified by its funding source. [CEDS Element: Administrative Funding Control, ID:000012]
RefAdministrativeFundingControl	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAdministrativeFundingControl	Description	nvarchar(4000)	Yes	NULL
RefAdministrativeFundingControl	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAdmittedStudent	RefAdmittedStudentId	int	No	Surrogate Key
RefAdmittedStudent	Type	nvarchar(100)	No	Applicant who has been granted an official offer to enroll in a postsecondary institution. Admitted applicants should include wait-listed students who were subsequently offered admission. [CEDS Element: Admitted Student, ID:000756]
RefAdmittedStudent	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAdmittedStudent	Description	nvarchar(4000)	Yes	NULL
RefAdmittedStudent	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAeCertificationType	RefAeCertificationTypeId	int	No	Surrogate Key

RefAeCertificationType	Type	nvarchar(100)	No	An indication of the category of certification a person holds. [CEDS Element: Adult Education Certification Type, ID:001085]
RefAeCertificationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAeCertificationType	Description	nvarchar(4000)	Yes	NULL
RefAeCertificationType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAeFunctioningLevelAtIntake	RefAeFunctioningLevelAtIntakeId	int	No	Surrogate Key
RefAeFunctioningLevelAtIntake	Type	nvarchar(100)	No	An individual's entering skill level, as defined by the National Reporting System for Adult Education and determined by an approved standardized assessment at program intake. [CEDS Element: Adult Educational Functioning Level at Intake, ID:000779]
RefAeFunctioningLevelAtIntake	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAeFunctioningLevelAtIntake	Description	nvarchar(4000)	Yes	NULL
RefAeFunctioningLevelAtIntake	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAeFunctioningLevelAtPosttest	RefAeFunctioningLevelAtPosttestId	int	No	Surrogate Key
RefAeFunctioningLevelAtPosttest	Type	nvarchar(100)	No	An individual's skill level, as defined by the National Reporting System for Adult Education and determined by an approved standardized assessment after a set time period or number of instructional hours. [CEDS Element: Adult Educational Functioning Level at Posttest, ID:000780]
RefAeFunctioningLevelAtPosttest	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAeFunctioningLevelAtPosttest	Description	nvarchar(4000)	Yes	NULL
RefAeFunctioningLevelAtPosttest	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAeInstructionalProgramType	RefAeInstructionalProgramTypeId	int	No	Surrogate Key
RefAeInstructionalProgramType	Type	nvarchar(100)	No	The type of instructional program in which an adult is enrolled. [CEDS Element: Adult Education Instructional Program Type, ID:001077]
RefAeInstructionalProgramType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefAeInstructionalProgramType	Description	nvarchar(4000)	Yes	NULL
RefAeInstructionalProgramType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAePostsecondaryTransitionAction	RefAePostsecondaryTransitionActionId	int	No	Surrogate Key
RefAePostsecondaryTransitionAction	Type	nvarchar(100)	No	The action taken with respect to postsecondary enrollment by the learner after program exit or when co-enrolled in ABE and postsecondary with respect to enrollment in a postsecondary educational or occupational skills program building on prior services or training received. [CEDS Element: Adult Education Postsecondary Transition Action, ID:000784]
RefAePostsecondaryTransitionAction	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAePostsecondaryTransitionAction	Description	nvarchar(4000)	Yes	NULL
RefAePostsecondaryTransitionAction	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAeProgramEnvironment	RefAeProgramEnvironmentId	int	No	Surrogate Key
RefAeProgramEnvironment	Type	nvarchar(100)	No	The environment in which an adult participates in an instructional program. [CEDS Element: Adult Education Program Environment, ID:000782]
RefAeProgramEnvironment	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAeProgramEnvironment	Description	nvarchar(4000)	Yes	NULL
RefAeProgramEnvironment	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAeStaffClassification	RefAeStaffClassificationId	int	No	Surrogate Key
RefAeStaffClassification	Type	nvarchar(100)	No	The titles of employment, official status, or rank of adult education staff. [CEDS Element: Adult Education Staff Classification, ID:000786]
RefAeStaffClassification	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAeStaffClassification	Description	nvarchar(4000)	Yes	NULL

RefAeStaffClassification	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAeStaffEmploymentStatus	RefAeStaffEmploymentStatusId	int	No	Surrogate Key
RefAeStaffEmploymentStatus	Type	nvarchar(100)	No	The condition under which a person has agreed to serve an employer. [CEDs Element: Adult Education Staff Employment Status, ID:001083]
RefAeStaffEmploymentStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAeStaffEmploymentStatus	Description	nvarchar(4000)	Yes	NULL
RefAeStaffEmploymentStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAlternateFundUses	RefAlternateFundUsesId	int	No	Surrogate Key
RefAlternateFundUses	Type	nvarchar(100)	No	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). [CEDs Element: Uses of Funds for Purposes other than Standards and Assessment Development, ID:000459]
RefAlternateFundUses	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAlternateFundUses	Description	nvarchar(4000)	Yes	NULL
RefAlternateFundUses	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAlternativeSchoolFocus	RefAlternativeSchoolFocusId	int	No	Surrogate Key
RefAlternativeSchoolFocus	Type	nvarchar(100)	No	An indication of the specific group of students whose needs the alternative school is designed to meet. [CEDs Element: Alternative School Focus Type, ID:000015]
RefAlternativeSchoolFocus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAlternativeSchoolFocus	Description	nvarchar(4000)	Yes	NULL
RefAlternativeSchoolFocus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAmaoAttainmentStatus	RefAmaoAttainmentStatusId	int	No	Surrogate Key

RefAmaoAttainmentStatus	Type	nvarchar(100)	No	An indication whether the organization met the Annual Measurable Achievement Objectives (AMAO) for attaining English proficiency for limited English proficient (LEP) students under Title III of ESEA. [CEDS Elements: Annual Measurable Achievement Objective AYP Progress Attainment Status for LEP Students (000579), Annual Measurable Achievement Objective Proficiency Attainment Status for LEP Students (000544), Annual Measurable Achievement Objective Progress Attainment Status for LEP Students (000554)]
RefAmaoAttainmentStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAmaoAttainmentStatus	Description	nvarchar(4000)	Yes	NULL
RefAmaoAttainmentStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefApiInteractionType	RefAPIInteractionTypeId	int	No	Surrogate Key
RefApiInteractionType	Type	nvarchar(100)	No	The assessment item body interaction type as defined by IMS Global specifications. [CEDS Element: Assessment Item Interaction Type, ID:001158]
RefApiInteractionType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefApiInteractionType	Description	nvarchar(4000)	Yes	NULL
RefApiInteractionType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentAccommodationType	RefAssessmentAccommodationTypeId	int	No	Surrogate Key
RefAssessmentAccommodationType	Type	nvarchar(100)	No	The specific accommodation necessary for the administration of the assessment. [CEDS Element: Assessment Accommodation Type, ID:000385]
RefAssessmentAccommodationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentAccommodationType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentAccommodationType	RefJurisdictionId	int	No	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentAssetIdentifierType	RefAssessmentAssetIdentifierTypeId	int	No	Surrogate Key

RefAssessmentAssetIdentifierType	Type	nvarchar(100)	No	The type of identifier that is provided for this asset. [CEDs Element: Assessment Asset Identifier Type, ID:001199]
RefAssessmentAssetIdentifierType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentAssetIdentifierType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentAssetIdentifierType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentAssetType	RefAssessmentAssetTypeId	int	No	Surrogate Key
RefAssessmentAssetType	Type	nvarchar(100)	No	Specifies a predominant type of assessment asset represented by the Learning Resource. Assessment assets represent any content used to compose an assessment item, is referenced by an item but not part of the item content itself, or is content that is included as part of a section within an assessment form. Assets can be static content such as art work or dynamic assets such as calculators. [CEDs Element: Assessment Asset Type, ID:001196]
RefAssessmentAssetType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentAssetType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentAssetType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentFormSectionIdentificationSystem	RefAssessmentFormSectionIdentificationSystemId	int	No	Surrogate Key
RefAssessmentFormSectionIdentificationSystem	Type	nvarchar(100)	No	A coding scheme that is used for identification of an Assessment Form Section. [CEDs Element: Identification System for Assessment Form Section, ID:001190]
RefAssessmentFormSectionIdentificationSystem	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentFormSectionIdentificationSystem	Description	nvarchar(4000)	Yes	NULL
RefAssessmentFormSectionIdentificationSystem	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefAssessmentGradeLevel	RefAssessmentGradeLevel	int	No	Surrogate Key
RefAssessmentGradeLevel	Type	nvarchar(100)	No	The grade or developmental level of a student when registering for an assessment, when taking the assessment, or for which an assessment is design. [CEDS Elements: Grade Level When Assessed (000126), Assessment Registration Grade Level When Assessed (001057)]
RefAssessmentGradeLevel	Code	nvarchar(50)	Yes	The code or abbreviation for the type.
RefAssessmentGradeLevel	Description	nvarchar(4000)	Yes	NULL
RefAssessmentGradeLevel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentItemCharacteristicType	RefAssessmentItemCharacteristicTypeId	int	No	Surrogate Key
RefAssessmentItemCharacteristicType	Type	nvarchar(100)	No	The type of psychometric measure provided for assessment item. [CEDS Element: Assessment Item Characteristic Type, ID:000392]
RefAssessmentItemCharacteristicType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentItemCharacteristicType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentItemCharacteristicType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentItemResponseStatus	RefAssessmentItemResponseStatusId	int	No	Surrogate Key
RefAssessmentItemResponseStatus	Type	nvarchar(100)	No	The status of the response for a given item. [CEDS Element: Assessment Item Response Status, ID:000405]
RefAssessmentItemResponseStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentItemResponseStatus	Description	nvarchar(4000)	Yes	NULL
RefAssessmentItemResponseStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentItemType	RefAssessmentItemTypeId	int	No	Surrogate Key

RefAssessmentItemTy pe	Type	nvarchar(100)	No	The specific type of assessment item. [CEDS Element: Assessment Item Type, ID:000390]
RefAssessmentItemTy pe	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentItemTy pe	Description	nvarchar(4000)	Yes	NULL
RefAssessmentItemTy pe	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedAl ternativeRepresentati onType	RefAssessmentNeedAlter nativeRepresentationType Id	int	No	Surrogate Key
RefAssessmentNeedAl ternativeRepresentati onType	Type	nvarchar(100)	No	Defines as part of an Assessment Personal Needs Profile the default presentation mode of the associated Alternative Representations accessibility. [CEDS Element: Assessment Need Alternative Representation Type, ID:001041]
RefAssessmentNeedAl ternativeRepresentati onType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentNeedAl ternativeRepresentati onType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedAl ternativeRepresentati onType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedBr ailleGradeTypeId	RefAssessmentNeedBraille GradeTypeId	int	No	Surrogate Key
RefAssessmentNeedBr ailleGradeTypeId	Type	nvarchar(100)	No	Defines as part of an Assessment Personal Needs Profile the grade of Braille to use when using a Braille display. [CEDS Element: Assessment Need Braille Grade Type, ID:001032]
RefAssessmentNeedBr ailleGradeTypeId	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentNeedBr ailleGradeTypeId	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedBr ailleGradeTypeId	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefAssessmentNeedBrailleMarkType	RefAssessmentNeedBrailleMarkTypeId	int	No	Surrogate Key
RefAssessmentNeedBrailleMarkType	Type	nvarchar(100)	No	Defines as part of an Assessment Personal Needs Profile what textual properties to mark when using a Braille display. [CEDS Element: Assessment Need Braille Mark Type, ID:001035]
RefAssessmentNeedBrailleMarkType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentNeedBrailleMarkType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedBrailleMarkType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedBrailleStatusCellType	RefAssessmentNeedBrailleStatusCellTypeId	int	No	Surrogate Key
RefAssessmentNeedBrailleStatusCellType	Type	nvarchar(100)	No	Defines as part of an Assessment Personal Needs Profile the preferred presence or location of a Braille display status cell. [CEDS Element: Assessment Need Braille Status Cell Type, ID:001037]
RefAssessmentNeedBrailleStatusCellType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentNeedBrailleStatusCellType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedBrailleStatusCellType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedHazardType	RefAssessmentNeedHazardTypeId	int	No	Surrogate Key
RefAssessmentNeedHazardType	Type	nvarchar(100)	No	Defines as part of an Assessment Personal Needs Profile a characteristic of a digital resource that may be specified as being dangerous to a user. [CEDS Element: Assessment Need Hazard Type, ID:001024]
RefAssessmentNeedHazardType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentNeedHazardType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedHazardType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefAssessmentNeedIncreasedWhitespacingType	RefAssessmentNeedIncreasedWhitespacingTypeId	int	No	Surrogate Key
RefAssessmentNeedIncreasedWhitespacingType	Type	nvarchar(100)	No	Defines the user preferences for white spacing in lines, words and characters as part of an Assessment Personal Needs Profile. [CEDs Element: Assessment Need Increased Whitespacing Type, ID:001054]
RefAssessmentNeedIncreasedWhitespacingType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentNeedIncreasedWhitespacingType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedIncreasedWhitespacingType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedLanguageLearnerType	RefAssessmentNeedLanguageLearnerTypeId	int	No	Surrogate Key
RefAssessmentNeedLanguageLearnerType	Type	nvarchar(100)	No	NULL
RefAssessmentNeedLanguageLearnerType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentNeedLanguageLearnerType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedLanguageLearnerType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedMaskingType	RefAssessmentNeedMaskingTypeId	int	No	Surrogate Key
RefAssessmentNeedMaskingType	Type	nvarchar(100)	No	Specifies as part of an Assessment Personal Needs Profile the type of masks the user is able to create to cover portions of the question until needed. [CEDs Element: Assessment Need Masking Type, ID:001046]
RefAssessmentNeedMaskingType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefAssessmentNeedM askingType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedM askingType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedN umberOfBrailleDots	RefAssessmentNeedNum berOfBrailleDotsId	int	No	Surrogate Key
RefAssessmentNeedN umberOfBrailleDots	Type	nvarchar(100)	No	Defines as part of an Assessment Personal Needs Profile the number of dots in a Braille cell. [CEDs Element: Assessment Need Number of Braille Dots Type, ID:001033]
RefAssessmentNeedN umberOfBrailleDots	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentNeedN umberOfBrailleDots	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedN umberOfBrailleDots	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedSi gningType	RefAssessmentNeedSignin gTypeId	int	No	Surrogate Key
RefAssessmentNeedSi gningType	Type	nvarchar(100)	No	Defines as part of an Assessment Personal Needs Profile the type of signing preferred by the user. [CEDs Element: Assessment Need Signing Type, ID:001040]
RefAssessmentNeedSi gningType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentNeedSi gningType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedSi gningType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedSp okenSourcePreference Type	RefAssessmentNeedSpoke nSourcePreferenceTypeId	int	No	Surrogate Key
RefAssessmentNeedSp okenSourcePreference Type	Type	nvarchar(100)	No	Defines as part of an Assessment Personal Needs Profile the preferred spoken audio form. [CEDs Element: Assessment Need Spoken Source Preference Type, ID:001042]
RefAssessmentNeedSp okenSourcePreference Type	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefAssessmentNeedSpokenSourcePreferenceType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedSpokenSourcePreferenceType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedSupportTool	RefAssessmentNeedSupportToolId	int	No	Surrogate Key
RefAssessmentNeedSupportTool	Type	nvarchar(100)	No	Defines as part of an Assessment Personal Needs Profile the electronic tool associated with a resource. [CEDs Element: Assessment Need Support Tool Type, ID:001025]
RefAssessmentNeedSupportTool	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentNeedSupportTool	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedSupportTool	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedUsageType	RefAssessmentNeedUsageTypeId	int	No	Surrogate Key
RefAssessmentNeedUsageType	Type	nvarchar(100)	No	Defines as part of an Assessment Personal Needs Profile the rating for the collection of Access for All (AfA) needs and preferences. [CEDs Element: Assessment Need Usage Type, ID:001026]
RefAssessmentNeedUsageType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentNeedUsageType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedUsageType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentNeedUserSpokenPreferenceType	RefAssessmentNeedUserSpokenPreferenceTypeId	int	No	Surrogate Key
RefAssessmentNeedUserSpokenPreferenceType	Type	nvarchar(100)	No	Used as part of an Assessment Personal Needs Profile to define the type of material that should be rendered using the read aloud alternative content. [CEDs Element: Assessment Need User Spoken Preference Type, ID:001044]
RefAssessmentNeedUserSpokenPreferenceType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefAssessmentNeedUserSpokenPreferenceType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentNeedUserSpokenPreferenceType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentParticipationIndicator	RefAssessmentParticipationIndicatorId	int	No	Surrogate Key
RefAssessmentParticipationIndicator	Type	nvarchar(100)	No	An indication of whether a student participated in an assessment. [CEDs Element: Assessment Registration Participation Indicator, ID:000025]
RefAssessmentParticipationIndicator	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentParticipationIndicator	Description	nvarchar(4000)	Yes	NULL
RefAssessmentParticipationIndicator	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentPlatformType	RefAssessmentPlatformTypeId	int	No	Surrogate Key
RefAssessmentPlatformType	Type	nvarchar(100)	No	The platform with which the assessment was delivered to the student during the assessment session. [CEDs Element: Assessment Participant Session Platform Type, ID:000386]
RefAssessmentPlatformType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentPlatformType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentPlatformType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentPretestOutcome	RefAssessmentPretestOutcomeId	int	No	Surrogate Key
RefAssessmentPretestOutcome	Type	nvarchar(100)	No	The results of a pre-test in academic subjects. [CEDs Element: Assessment Subtest Result Pretest Outcome, ID:000572]
RefAssessmentPretestOutcome	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentPretestOutcome	Description	nvarchar(4000)	Yes	NULL
RefAssessmentPretestOutcome	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

Outcome				
RefAssessmentPurpose	RefAssessmentPurposeId	int	No	Surrogate Key
RefAssessmentPurpose	Type	nvarchar(100)	No	The reason for which an assessment is designed or delivered. [CEDS Element: Assessment Purpose, ID:000026]
RefAssessmentPurpose	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentPurpose	Description	nvarchar(4000)	Yes	NULL
RefAssessmentPurpose	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentReasonNotCompleting	RefAssessmentReasonNotCompletingId	int	No	Surrogate Key
RefAssessmentReasonNotCompleting	Type	nvarchar(100)	No	The primary reason a participant did not complete an assessment. [CEDS Element: Assessment Registration Reason Not Completing, ID:000540]
RefAssessmentReasonNotCompleting	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentReasonNotCompleting	Description	nvarchar(4000)	Yes	NULL
RefAssessmentReasonNotCompleting	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentReasonNotTested	RefAssessmentReasonNotTestedId	int	No	Surrogate Key
RefAssessmentReasonNotTested	Type	nvarchar(100)	No	The primary reason a student is not tested. [CEDS Element: Reason Not Tested, ID:000228]
RefAssessmentReasonNotTested	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentReasonNotTested	Description	nvarchar(4000)	Yes	NULL
RefAssessmentReasonNotTested	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefAssessmentReportingMethod	RefAssessmentReportingMethodId	int	No	Surrogate Key
RefAssessmentReportingMethod	Type	nvarchar(100)	No	The method used 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.
RefAssessmentReportingMethod	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentReportingMethod	Description	nvarchar(4000)	Yes	NULL
RefAssessmentReportingMethod	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentSessionSpecialCircumstanceType	RefAssessmentSessionSpecialCircumstanceTypeId	int	No	Surrogate Key
RefAssessmentSessionSpecialCircumstanceType	Type	nvarchar(100)	No	An unusual event occurred during the administration of the assessment. This could include fire alarm, student became ill, etc. [CEDS Element: Assessment Session Special Circumstance Type, ID:000389]
RefAssessmentSessionSpecialCircumstanceType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentSessionSpecialCircumstanceType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentSessionSpecialCircumstanceType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentSessionStaffRoleType	RefAssessmentSessionStaffRoleId	int	No	Surrogate Key
RefAssessmentSessionStaffRoleType	Type	nvarchar(100)	No	The type of role served related to the administration of an assessment session. [CEDS Element: Assessment Session Staff Role Type, ID:001212]
RefAssessmentSessionStaffRoleType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefAssessmentSessionStaffRoleType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentSessionStaffRoleType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentSessionType	RefAssessmentSessionTypeId	int	No	Surrogate Key
RefAssessmentSessionType	Type	nvarchar(100)	No	The type of session that is scheduled. [CEDS Element: Assessment Session Type, ID:001018]
RefAssessmentSessionType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentSessionType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentSessionType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentSubtestIdentifierType	RefAssessmentSubtestIdentifierTypeId	int	No	Surrogate Key
RefAssessmentSubtestIdentifierType	Type	nvarchar(100)	No	The type of identifier that is provided for a Subtest. [CEDS Element: Assessment Subtest Identifier Type, ID:001014]
RefAssessmentSubtestIdentifierType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentSubtestIdentifierType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentSubtestIdentifierType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentType	RefAssessmentTypeId	int	No	Surrogate Key
RefAssessmentType	Type	nvarchar(100)	No	The category of an assessment based on format and content. [CEDS Element: Assessment Type, ID:000029]
RefAssessmentType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentType	Description	nvarchar(4000)	Yes	NULL
RefAssessmentType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAssessmentTypeChildrenWithDisabilities	RefAssessmentTypeChildrenWithDisabilitiesId	int	No	Surrogate Key

RefAssessmentTypeChildrenWithDisabilities	Type	nvarchar(100)	No	The types of assessments administered to children with disabilities. [CEDs Element: Assessment Type Administered to Children With Disabilities, ID:000415]
RefAssessmentTypeChildrenWithDisabilities	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAssessmentTypeChildrenWithDisabilities	Description	nvarchar(4000)	Yes	NULL
RefAssessmentTypeChildrenWithDisabilities	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAttendanceEventTy pe	RefAttendanceEventTy pe	int	No	Surrogate Key
RefAttendanceEventTy pe	Type	nvarchar(100)	No	The type of attendance event. [CEDs Element: Attendance Event Type, ID:000601]
RefAttendanceEventTy pe	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAttendanceEventTy pe	Description	nvarchar(4000)	Yes	NULL
RefAttendanceEventTy pe	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefAypStatus	RefAypStatusId	int	No	Surrogate Key
RefAypStatus	Type	nvarchar(100)	No	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. [CEDs Element: Adequate Yearly Progress Status, ID:000011]
RefAypStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefAypStatus	Description	nvarchar(4000)	Yes	NULL
RefAypStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefBarrierToEducating Homeless	RefBarrierToEducatingHo melessId	int	No	Surrogate Key
RefBarrierToEducating Homeless	Type	nvarchar(100)	No	Barriers to the enrollment and success of homeless children and youths. [CEDs Element: Barrier to Educating Homeless, ID:000449]
RefBarrierToEducating Homeless	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefBarrierToEducating Homeless	Description	nvarchar(4000)	Yes	NULL
RefBarrierToEducating	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

Homeless				
RefBloomsTaxonomyDomain	RefBloomsTaxonomyDomainId	int	No	Surrogate Key
RefBloomsTaxonomyDomain	Type	nvarchar(100)	No	Classification of the Learning Standard Item using Bloom's Taxonomy Domains. [CEDS Element: Learning Standard Item Blooms Taxonomy Domain, ID:000875]
RefBloomsTaxonomyDomain	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefBloomsTaxonomyDomain	Description	nvarchar(4000)	Yes	NULL
RefBloomsTaxonomyDomain	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefBuildingUseType	RefBuildingUseTypeId	int	No	Surrogate Key
RefBuildingUseType	Type	nvarchar(100)	No	How a building is principally used, regardless of its original design. [CEDS Element: Building Use Type, ID:001206]
RefBuildingUseType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefBuildingUseType	Description	nvarchar(4000)	Yes	NULL
RefBuildingUseType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCalendarEventType	RefCalendarEventTypeId	int	No	Surrogate Key
RefCalendarEventType	Type	nvarchar(100)	No	The type of scheduled or unscheduled event that causes interruption in direct instruction. [CEDS Element: Calendar Event Type, ID:000603]
RefCalendarEventType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCalendarEventType	Description	nvarchar(4000)	Yes	NULL
RefCalendarEventType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCampusResidencyType	RefCampusResidencyTypeId	int	No	Surrogate Key
RefCampusResidencyType	Type	nvarchar(100)	No	A person's residency arrangement as defined in the Free Application for Federal Student Aid (FAFSA). [CEDS Element: Campus Residency Type, ID:000035]
RefCampusResidencyType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCampusResidencyType	Description	nvarchar(4000)	Yes	NULL
RefCampusResidencyType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefCarnegieBasicClassification	RefCarnegieBasicClassificationId	int	No	Surrogate Key
RefCarnegieBasicClassification	Type	nvarchar(100)	No	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. [CEDS Element: Carnegie Basic Classification, ID:000038]
RefCarnegieBasicClassification	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCarnegieBasicClassification	Description	nvarchar(4000)	Yes	NULL
RefCarnegieBasicClassification	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCharterSchoolType	RefCharterSchoolTypeId	int	No	Surrogate Key
RefCharterSchoolType	Type	nvarchar(100)	No	The category of charter school. [CEDS Element: Charter School Type, ID:000710]
RefCharterSchoolType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCharterSchoolType	Description	nvarchar(4000)	Yes	NULL
RefCharterSchoolType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefChildDevelopmentAssociateType	RefChildDevelopmentAssociateTypeId	int	No	Surrogate Key
RefChildDevelopmentAssociateType	Type	nvarchar(100)	No	Type of Child Development Associate credential as defined by options. [CEDS Element: Child Development Associate Type, ID:000806]
RefChildDevelopmentAssociateType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefChildDevelopmentAssociateType	Description	nvarchar(4000)	Yes	NULL
RefChildDevelopmentAssociateType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCipUse	RefCipUseId	int	No	Surrogate Key
RefCipUse	Type	nvarchar(100)	No	An indicator of whether the CIP Code is referencing an enrollment program or an award program. [CEDS Element: Classification of Instructional Program Use, ID:000044]
RefCipUse	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCipUse	Description	nvarchar(4000)	Yes	NULL

RefCipUse	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCipVersion	RefCipVersionId	int	No	Surrogate Key
RefCipVersion	Type	nvarchar(100)	No	The version of CIP being reported. [CEDS Element: Classification of Instructional Program Version, ID:000045]
RefCipVersion	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCipVersion	Description	nvarchar(4000)	Yes	NULL
RefCipVersion	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefClassroomPositionType	RefClassroomPositionTypeId	int	No	Surrogate Key
RefClassroomPositionType	Type	nvarchar(100)	No	The type of position the staff member holds in the specific class/section. [CEDS Element: Classroom Position Type, ID:000622]
RefClassroomPositionType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefClassroomPositionType	Description	nvarchar(4000)	Yes	NULL
RefClassroomPositionType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefClassSectionAssessmentReportingMethod	RefClassSectionAssessmentReportingMethodId	int	No	Surrogate Key
RefClassSectionAssessmentReportingMethod	Type	nvarchar(100)	No	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. [CEDS Element: Class Section Assessment Reporting Method, ID:000027]
RefClassSectionAssessmentReportingMethod	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefClassSectionAssessmentReportingMethod	Description	nvarchar(4000)	Yes	NULL
RefClassSectionAssessmentReportingMethod	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefClassSectionDeliveryModel	RefClassSectionDeliveryModelId	int	No	Surrogate Key

RefClassSectionDeliveryModel	Type	nvarchar(100)	No	The primary setting or medium of delivery for the course. [CEDs Element: Class Section Instructional Delivery Mode, ID:001161]
RefClassSectionDeliveryModel	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefClassSectionDeliveryModel	Description	nvarchar(4000)	Yes	NULL
RefClassSectionDeliveryModel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefClassSectionEnrollmentStatusType	RefClassSectionEnrollmentStatusTypeId	int	No	Surrogate Key
RefClassSectionEnrollmentStatusType	Type	nvarchar(100)	No	The status related to a student enrollment in an instance of a course. [CEDs Element: Class Section Enrollment Status Type, ID:000976]
RefClassSectionEnrollmentStatusType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefClassSectionEnrollmentStatusType	Description	nvarchar(4000)	Yes	NULL
RefClassSectionEnrollmentStatusType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefClassSectionEnrollmentType	RefClassSectionEnrollmentTypeId	int	No	Surrogate Key
RefClassSectionEnrollmentType	Type	nvarchar(100)	No	The status related to a student enrollment in an instance of a course. [CEDs Element: Class Section Enrollment Status Type, ID:000976]
RefClassSectionEnrollmentType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefClassSectionEnrollmentType	Description	nvarchar(4000)	Yes	NULL
RefClassSectionEnrollmentType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefClassSectionEntryType	RefClassSectionEntryTypeId	int	No	Surrogate Key
RefClassSectionEntryType	Type	nvarchar(100)	No	The process by which a student enters a school (Class Section) during a given academic session. [CEDs Element: Class Section Entry Type, ID:000650]
RefClassSectionEntryType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefClassSectionEntryType	Description	nvarchar(4000)	Yes	NULL
RefClassSectionEntryType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefClassSectionExitType	RefClassSectionExitTypeId	int	No	Surrogate Key
RefClassSectionExitType	Type	nvarchar(100)	No	The circumstances under which the student exited from membership in a class section. [CEDS Element: Class Section Exit Type, ID:000652]
RefClassSectionExitType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefClassSectionExitType	Description	nvarchar(4000)	Yes	NULL
RefClassSectionExitType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCohortExclusion	RefCohortExclusionId	int	No	Surrogate Key
RefCohortExclusion	Type	nvarchar(100)	No	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. [CEDS Element: Cohort Exclusion, ID:000106]
RefCohortExclusion	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCohortExclusion	Description	nvarchar(4000)	Yes	NULL
RefCohortExclusion	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCommunicationMethod	RefCommunicationMethodId	int	No	Surrogate Key
RefCommunicationMethod	Type	nvarchar(100)	No	The types of communication methods with family members. [CEDS Element: Parent Communication Method, ID:000857]
RefCommunicationMethod	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCommunicationMethod	Description	nvarchar(4000)	Yes	NULL
RefCommunicationMethod	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefContentStandardType	RefContentStandardTypeId	int	No	Surrogate Key

RefContentStandardType	Type	nvarchar(100)	No	An indication as to whether an assessment conforms to a standard. [CEDS Element: Assessment Content Standard Type, ID:000605]
RefContentStandardType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefContentStandardType	Description	nvarchar(4000)	Yes	NULL
RefContentStandardType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefContinuationOfServices	RefContinuationOfServicesReasonId	int	No	Surrogate Key
RefContinuationOfServices	Type	nvarchar(100)	No	Reason why the student is being served under the continuation of services provision of the MEP. [CEDS Element: Continuation of Services Reason, ID:000429]
RefContinuationOfServices	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefContinuationOfServices	Description	nvarchar(4000)	Yes	NULL
RefContinuationOfServices	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefControlOfInstitution	RefControlOfInstitutionId	int	No	Surrogate Key
RefControlOfInstitution	Type	nvarchar(100)	No	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). [CEDS Element: Control of Institution, ID:000048]
RefControlOfInstitution	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefControlOfInstitution	Description	nvarchar(4000)	Yes	NULL
RefControlOfInstitution	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCoreKnowledgeArea	RefCoreKnowledgeAreaId	int	No	Surrogate Key
RefCoreKnowledgeArea	Type	nvarchar(100)	No	A description of the core knowledge areas addressed by professional development. [CEDS Element: Early Learning Core Knowledge Area, ID:000813]
RefCoreKnowledgeArea	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCoreKnowledgeArea	Description	nvarchar(4000)	Yes	NULL

RefCoreKnowledgeArea	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCorrectiveActionType	RefCorrectiveActionId	int	No	Surrogate Key
RefCorrectiveActionType	Type	nvarchar(100)	No	The types of corrective actions under ESEA as amended. [CEDDS Element: Corrective Action Type, ID:000049]
RefCorrectiveActionType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCorrectiveActionType	Description	nvarchar(4000)	Yes	NULL
RefCorrectiveActionType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCountry	RefCountryId	int	No	Surrogate Key
RefCountry	Type	nvarchar(100)	No	Country Name
RefCountry	Code	nvarchar(50)	Yes	The unique two character International Organization for Standardization (ISO) code for the country in which an address is located. [CEDDS Element: Country Code, ID:000050]
RefCountry	Description	nvarchar(4000)	Yes	NULL
RefCountry	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCountry	RefCountyId	int	No	Surrogate Key
RefCountry	Type	nvarchar(100)	No	Name of the county.
RefCountry	Code	nvarchar(50)	Yes	County code as defined for the Identification of counties and equivalent areas of the United States, Puerto Rico, and the insular areas as established by the American National Standards Institute (ANSI) Inter-National Committee for Information Technology Standards (INCITS) in specification BSR INCITS 31-200x or more current updates. See http://www.census.gov/geo/www/ansi/countylookup.html . [CEDDS Element: County ANSI Code, ID:001209]
RefCountry	Description	nvarchar(4000)	Yes	NULL
RefCountry	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCourseCreditUnit	RefCourseCreditUnitId	int	No	Surrogate Key
RefCourseCreditUnit	Type	nvarchar(100)	No	The type of credit (unit, semester, or quarter) associated with the credit hours earned for the course. [CEDDS Element: Course Credit Units, ID:000057]
RefCourseCreditUnit	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCourseCreditUnit	Description	nvarchar(4000)	Yes	NULL

RefCourseCreditUnit	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCourseGpaApplicability	RefCourseGPAApplicabilityId	int	No	Surrogate Key
RefCourseGpaApplicability	Type	nvarchar(100)	No	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. [CEDS Element: Course Grade Point Average Applicability, ID:000060]
RefCourseGpaApplicability	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCourseGpaApplicability	Description	nvarchar(4000)	Yes	NULL
RefCourseGpaApplicability	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCourseLevelCharacteristic	RefCourseLevelCharacteristicId	int	No	Surrogate Key
RefCourseLevelCharacteristic	Type	nvarchar(100)	No	An indication of the general nature and difficulty of instruction provided throughout a course. [CEDS Element: Course Level Characteristic, ID:000061]
RefCourseLevelCharacteristic	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCourseLevelCharacteristic	Description	nvarchar(4000)	Yes	NULL
RefCourseLevelCharacteristic	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCourseRepeatCode	RefCourseRepeatCodeId	int	No	Surrogate Key
RefCourseRepeatCode	Type	nvarchar(100)	No	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. [CEDS Element: Course Repeat Code, ID:000065]
RefCourseRepeatCode	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCourseRepeatCode	Description	nvarchar(4000)	Yes	NULL
RefCourseRepeatCode	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCredentialType	RefCredentialTypeId	int	No	Surrogate Key
RefCredentialType	Type	nvarchar(100)	No	An indication of the category of credential a person holds. [CEDS Element: Credential Type, ID:000071]
RefCredentialType	Code	nvarchar(50)	Yes	A code or abbreviation code for the type.
RefCredentialType	Description	nvarchar(4000)	Yes	NULL

RefCredentialType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCreditTypeEarned	RefCreditTypeEarnedId	int	No	Surrogate Key
RefCreditTypeEarned	Type	nvarchar(100)	No	The type of credits or units of value awarded for the completion of a course. [CEDS Element: Credit Type Earned, ID:000072]
RefCreditTypeEarned	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCreditTypeEarned	Description	nvarchar(4000)	Yes	NULL
RefCreditTypeEarned	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCriticalTeacherShortageCandidate	RefCriticalTeacherShortageCandidateId	int	No	Surrogate Key
RefCriticalTeacherShortageCandidate	Type	nvarchar(100)	No	An indication of whether a person is pursuing licensure/certification in a field designated as a shortage area as defined by Title II. [CEDS Element: Critical Teacher Shortage Area Candidate, ID:000770]
RefCriticalTeacherShortageCandidate	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCriticalTeacherShortageCandidate	Description	nvarchar(4000)	Yes	NULL
RefCriticalTeacherShortageCandidate	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCteGraduationRateInclusion	RefCteGraduationRateInclusionId	int	No	Surrogate Key
RefCteGraduationRateInclusion	Type	nvarchar(100)	No	An indication of how CTE concentrators are included in the state's computation of its graduation rate. [CEDS Element: Career and Technical Education Graduation Rate Inclusion, ID:000075]
RefCteGraduationRateInclusion	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCteGraduationRateInclusion	Description	nvarchar(4000)	Yes	NULL
RefCteGraduationRateInclusion	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCteNonTraditionalGenderStatus	RefCTENonTraditionalGenderStatusId	int	No	Surrogate Key

RefCteNonTraditionalGenderStatus	Type	nvarchar(100)	No	An indication of whether CTE participants were members of an underrepresented gender group (where one gender comprises less than 25 percent of the persons employed in those occupations or field of work). [CEDS Element: Career Technical Education Nontraditional Gender Status, ID:000588]
RefCteNonTraditionalGenderStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCteNonTraditionalGenderStatus	Description	nvarchar(4000)	Yes	NULL
RefCteNonTraditionalGenderStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefCurriculumFrameworkType	RefCurriculumFrameworkTypeId	int	No	Surrogate Key
RefCurriculumFrameworkType	Type	nvarchar(100)	No	An indication of the standard curriculum used for this course. [CEDS Element: Curriculum Framework Type, ID:000712]
RefCurriculumFrameworkType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefCurriculumFrameworkType	Description	nvarchar(4000)	Yes	NULL
RefCurriculumFrameworkType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefDailyAttendanceStatus	RefDailyAttendanceStatusId	int	No	Surrogate Key
RefDailyAttendanceStatus	Type	nvarchar(100)	No	The status of a student's attendance during a given day while school is in session. [CEDS Element: Daily Attendance Status, ID:000076]
RefDailyAttendanceStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefDailyAttendanceStatus	Description	nvarchar(4000)	Yes	NULL
RefDailyAttendanceStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefDegreeOrCertificateType	RefDegreeOrCertificateTypeId	int	No	Surrogate Key
RefDegreeOrCertificateType	Type	nvarchar(100)	No	The type of degree or certificate earned by a person. [CEDS Element: Degree or Certificate Type, ID:000343]
RefDegreeOrCertificateType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefDegreeOrCertificateType	Description	nvarchar(4000)	Yes	NULL
RefDegreeOrCertificateType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefDentalInsuranceCoverage	RefDentalInsuranceCoverageId	int	No	Surrogate Key
RefDentalInsuranceCoverage	Type	nvarchar(100)	No	The nature of insurance covering an person's dental care. [CEDS Element: Dental Insurance Coverage, ID:000336]
RefDentalInsuranceCoverage	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefDentalInsuranceCoverage	Description	nvarchar(4000)	Yes	NULL
RefDentalInsuranceCoverage	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefDentalScreeningStatus	RefDentalScreeningStatusId	int	No	Surrogate Key
RefDentalScreeningStatus	Type	nvarchar(100)	No	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. [CEDS Element: Dental Screening Status, ID:000310]
RefDentalScreeningStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefDentalScreeningStatus	Description	nvarchar(4000)	Yes	NULL
RefDentalScreeningStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefDependencyStatus	RefDependencyStatusId	int	No	Surrogate Key
RefDependencyStatus	Type	nvarchar(100)	No	A person's classification as dependent or independent with regards to eligibility for Title IV Federal Student aid. [CEDS Element: Dependency Status, ID:000079]
RefDependencyStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefDependencyStatus	Description	nvarchar(4000)	Yes	NULL
RefDependencyStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefDisabilityType	RefDisabilityId	int	No	Surrogate Key
RefDisabilityType	Type	nvarchar(100)	No	The disability condition that best describes a person's impairment. [CEDS Element: Primary Disability Type, ID:000218]

RefDisabilityType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefDisabilityType	Description	nvarchar(4000)	Yes	NULL
RefDisabilityType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefDisciplinaryActionTaken	RefDisciplinaryActionTakenId	int	No	Surrogate Key
RefDisciplinaryActionTaken	Type	nvarchar(100)	No	Identifies the consequences of an incident for the student(s) involved in an incident as perpetrator(s). [CEDS Element: Disciplinary Action Taken, ID:000488]
RefDisciplinaryActionTaken	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefDisciplinaryActionTaken	Description	nvarchar(4000)	Yes	NULL
RefDisciplinaryActionTaken	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefDisciplineLengthDifferenceReason	RefDisciplineLengthDifferenceReasonId	int	No	Surrogate Key
RefDisciplineLengthDifferenceReason	Type	nvarchar(100)	No	The reason for the difference, if any, between the official and actual lengths of a student's disciplinary assignment. [CEDS Element: Discipline Action Length Difference Reason, ID:000609]
RefDisciplineLengthDifferenceReason	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefDisciplineLengthDifferenceReason	Description	nvarchar(4000)	Yes	NULL
RefDisciplineLengthDifferenceReason	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefDisciplineMethodFirearms	RefDisciplineMethodFirearmsId	int	No	Surrogate Key
RefDisciplineMethodFirearms	Type	nvarchar(100)	No	The method used to discipline students who are not children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents. [CEDS Element: Discipline Method for Firearms Incidents, ID:000555]
RefDisciplineMethodFirearms	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefDisciplineMethodFirearms	Description	nvarchar(4000)	Yes	NULL
RefDisciplineMethodFirearms	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefDisciplineMethodOfCwd	RefDisciplineMethodOfCwdId	int	No	Surrogate Key
RefDisciplineMethodOfCwd	Type	nvarchar(100)	No	The type of suspension or expulsion used for the discipline of children with disabilities. [CEDs Element: Discipline Method of Children with Disabilities, ID:000538]
RefDisciplineMethodOfCwd	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefDisciplineMethodOfCwd	Description	nvarchar(4000)	Yes	NULL
RefDisciplineMethodOfCwd	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefDisciplineReason	RefDisciplineReasonId	int	No	Surrogate Key
RefDisciplineReason	Type	nvarchar(100)	No	The reason why the student was disciplined. [CEDs Element: Discipline Reason, ID:000545]
RefDisciplineReason	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefDisciplineReason	Description	nvarchar(4000)	Yes	NULL
RefDisciplineReason	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefDistanceEducationCourseEnrollment	RefDistanceEducationCourseEnrollmentId	int	No	Surrogate Key
RefDistanceEducationCourseEnrollment	Type	nvarchar(100)	No	An individual's enrollment in a course or courses in which the instructional content is delivered exclusively via distance education. Distance education is education that uses one or more technologies to deliver instruction to students who are separated from the instructor and to support regular and substantive interaction between the students and the instructor synchronously or asynchronously. Technologies used for instruction may include: Internet; one-way and two-way transmissions through open broadcasts, closed circuit, cable, microwave, broadband lines, fiber optics, satellite or wireless communication devices; audio conferencing; and video cassette, DVDs, and CD-ROMs, if the cassette, DVDs, and CD-ROMs are used in a course in conjunction with the technologies listed above. [CEDs Element: Distance Education Course Enrollment, ID:000728]
RefDistanceEducationCourseEnrollment	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefDistanceEducationCourseEnrollment	Description	nvarchar(4000)	Yes	NULL
RefDistanceEducationCourseEnrollment	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefEarlyChildhoodCredential	RefEarlyChildhoodCredentialId	int	No	Surrogate Key
RefEarlyChildhoodCredential	Type	nvarchar(100)	No	The credential related to early childhood education or development held by a person. [CEDS Element: Early Childhood Credential, ID:000345]
RefEarlyChildhoodCredential	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEarlyChildhoodCredential	Description	nvarchar(4000)	Yes	NULL
RefEarlyChildhoodCredential	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEarlyChildhoodEnrollmentServiceType	RefEarlyChildhoodEnrollmentServiceTypeId	int	No	Surrogate Key
RefEarlyChildhoodEnrollmentServiceType	Type	nvarchar(100)	No	The type of programs in which the child is enrolled. [CEDS Element: Early Childhood Enrollment Service Type, ID:000318]
RefEarlyChildhoodEnrollmentServiceType	Code	varbinary	Yes	A code or abbreviation for the type.
RefEarlyChildhoodEnrollmentServiceType	Description	nvarchar(4000)	Yes	NULL
RefEarlyChildhoodEnrollmentServiceType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEarlyChildhoodProgramTypeOffered	RefEarlyChildhoodProgramTypeOfferedId	int	No	Surrogate Key
RefEarlyChildhoodProgramTypeOffered	Type	nvarchar(100)	No	The type(s) of early childhood programs offered. [CEDS Element: Early Childhood Program Type Offered, ID:000829]
RefEarlyChildhoodProgramTypeOffered	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEarlyChildhoodProgramTypeOffered	Description	nvarchar(4000)	Yes	NULL
RefEarlyChildhoodProgramTypeOffered	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEducationLevel	RefEducationLevelId	int	No	Surrogate Key

RefEducationLevel	Type	nvarchar(100)	No	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). [CEDs Element: Highest Level of Education Completed, ID:000141]
RefEducationLevel	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEducationLevel	Description	nvarchar(4000)	Yes	NULL
RefEducationLevel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEducationStaffClassification	RefEducationStaffClassificationId	int	No	Surrogate Key
RefEducationStaffClassification	Type	nvarchar(100)	No	The titles of employment, official status, or rank of education staff. [CEDs Element: Education Staff Classification, ID:000087]
RefEducationStaffClassification	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEducationStaffClassification	Description	nvarchar(4000)	Yes	NULL
RefEducationStaffClassification	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefELClassGroupCurriculumType	RefELClassGroupCurriculumTypeId	int	No	Surrogate Key
RefELClassGroupCurriculumType	Type	nvarchar(100)	No	The type of curriculum used in an early learning classroom or group. [CEDs Element: Early Learning Class Group Curriculum Type, ID:000823]
RefELClassGroupCurriculumType	Code	nvarchar(50)	Yes	An abbreviated code for the type.
RefELClassGroupCurriculumType	Description	nvarchar(4000)	Yes	NULL
RefELClassGroupCurriculumType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefElementaryMiddleAdditional	RefElementaryMiddleAdditionalId	int	No	Surrogate Key
RefElementaryMiddleAdditional	Type	nvarchar(100)	No	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). [CEDs Element: Elementary-Middle Additional Indicator Status, ID:000091]
RefElementaryMiddleAdditional	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefElementaryMiddleAdditional	Description	nvarchar(4000)	Yes	NULL

RefElementaryMiddle Additional	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefELExperience	RefELExperienceId	int	No	Surrogate Key
RefELExperience	Type	nvarchar(100)	No	Type(s) of prior experience (if any) in an early childhood program. [CEDs Element: Prior Early Childhood Experience, ID:000319]
RefELExperience	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefELExperience	Description	nvarchar(400)	Yes	NULL
RefELExperience	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefELFacilityLicensingS tatus	RefELFacilityLicensingStat usId	int	No	Surrogate Key
RefELFacilityLicensingS tatus	Type	nvarchar(100)	No	The status of the facility license. [CEDs Element: Facility Licensing Status, ID:000984]
RefELFacilityLicensingS tatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefELFacilityLicensingS tatus	Description	nvarchar(4000)	Yes	NULL
RefELFacilityLicensingS tatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefELGroupSizeStandar dMet	RefELGroupSizeStandard MetId	int	No	Surrogate Key
RefELGroupSizeStandar dMet	Type	nvarchar(100)	No	An indication of whether a program meets NAEYC or NAFCC standards for infant group sizes. [CEDs Element: Early Learning Group Size Standards Met, ID:000824]
RefELGroupSizeStandar dMet	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefELGroupSizeStandar dMet	Description	nvarchar(4000)	Yes	NULL
RefELGroupSizeStandar dMet	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefELLevelOfSpecializa tion	RefELLevelOfSpecializatio nId	int	No	Surrogate Key
RefELLevelOfSpecializa tion	Type	nvarchar(100)	No	The extent to which a person concentrates upon a particular subject matter area during his or her period of study at an educational institution. [CEDs Element: Level of Specialization in Early Learning, ID:000341]
RefELLevelOfSpecializa tion	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefELLevelOfSpecializa tion	Description	nvarchar(4000)	Yes	NULL

RefELLevelOfSpecialization	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefELProgramEligibility	RefELProgramEligibilityId	int	No	Surrogate Key
RefELProgramEligibility	Type	nvarchar(100)	No	Category under which the person is eligible for an early childhood program or service. [CEDs Element: Early Learning Program Eligibility Category, ID:000304]
RefELProgramEligibility	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefELProgramEligibility	Description	nvarchar(4000)	Yes	NULL
RefELProgramEligibility	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefELProgramLicenseStatus	RefELProgramLicenseStatusId	int	No	Surrogate Key
RefELProgramLicenseStatus	Type	nvarchar(100)	No	The current licensing status for an early learning program. [CEDs Element: Early Learning Program Licensing Status, ID:000828]
RefELProgramLicenseStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefELProgramLicenseStatus	Description	nvarchar(4000)	Yes	NULL
RefELProgramLicenseStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefELServiceType	RefELServiceType	int	No	Surrogate Key
RefELServiceType	Type	nvarchar(100)	No	The type of programs in which the child is enrolled. [CEDs Element: Early Childhood Enrollment Service Type, ID:000318]
RefELServiceType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefELServiceType	Description	nvarchar(4000)	Yes	NULL
RefELServiceType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEmailType	RefEmailTypeId	int	No	Surrogate Key
RefEmailType	Type	nvarchar(100)	No	The type of electronic mail (e-mail) address listed for a person or organization. [CEDs Element: Electronic Mail Address Type, ID:000089]
RefEmailType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEmailType	Description	nvarchar(4000)	Yes	NULL
RefEmailType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEmployedAfterExit	RefEmployedAfterExitId	int	No	Surrogate Key

RefEmployedAfterExit	Type	nvarchar(100)	No	An individual who is a paid employee or works in his or her own business, profession, or farm after exiting secondary, postsecondary, or adult education. [CEDS Element: Employed After Exit, ID:000988]
RefEmployedAfterExit	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEmployedAfterExit	Description	nvarchar(4000)	Yes	NULL
RefEmployedAfterExit	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEmployedWhileEnrolled	RefEmployedWhileEnrolledId	int	No	Surrogate Key
RefEmployedWhileEnrolled	Type	nvarchar(100)	No	An individual who is a paid employee or works in his or her own business, profession, or farm and at the same time is enrolled in secondary, postsecondary, or adult education. [CEDS Element: Employed While Enrolled, ID:000987]
RefEmployedWhileEnrolled	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEmployedWhileEnrolled	Description	nvarchar(4000)	Yes	NULL
RefEmployedWhileEnrolled	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEmploymentContractType	RefEmploymentContractTypeId	int	No	Surrogate Key
RefEmploymentContractType	Type	nvarchar(100)	No	The type of employment contract used by an institution. [CEDS Element: Contract Type, ID:000737]
RefEmploymentContractType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEmploymentContractType	Description	nvarchar(4000)	Yes	NULL
RefEmploymentContractType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEmploymentSeparationReason	RefEmploymentSeparationReasonId	int	No	Surrogate Key
RefEmploymentSeparationReason	Type	nvarchar(100)	No	The primary reason for the termination of the employment relationship. [CEDS Element: Employment Separation Reason, ID:000620]
RefEmploymentSeparationReason	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefEmploymentSeparationReason	Description	nvarchar(4000)	Yes	NULL
RefEmploymentSeparationReason	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEmploymentSeparationType	RefEmploymentSeparationTypeId	int	No	Surrogate Key
RefEmploymentSeparationType	Type	nvarchar(100)	No	A designation of the type of separation occurring between a person and the organization. [CEDS Element: Employment Separation Type, ID:000621]
RefEmploymentSeparationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEmploymentSeparationType	Description	nvarchar(4000)	Yes	NULL
RefEmploymentSeparationType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEmploymentStatus	RefEmploymentStatusId	int	No	Surrogate Key
RefEmploymentStatus	Type	nvarchar(100)	No	The condition under which a person has agreed to serve an employer. [CEDS Element: Employment Status, ID:000347]
RefEmploymentStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEmploymentStatus	Description	nvarchar(4000)	Yes	NULL
RefEmploymentStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEndOfTermStatus	RefEndOfTermStatusId	int	No	Surrogate Key
RefEndOfTermStatus	Type	nvarchar(100)	No	The nature of the student's progress at the end of a given school term. [CEDS Element: End of Term Status, ID:000093]
RefEndOfTermStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEndOfTermStatus	Description	nvarchar(4000)	Yes	NULL
RefEndOfTermStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEnrollmentStatus	RefEnrollmentStatusId	int	No	Surrogate Key
RefEnrollmentStatus	Type	nvarchar(100)	No	An indication as to whether a student's name was, is, or will be officially registered on the roll of a school or schools. [CEDS Element: Enrollment Status, ID:000094]
RefEnrollmentStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEnrollmentStatus	Description	nvarchar(4000)	Yes	NULL

RefEnrollmentStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEntityType	RefEntityTypeId	int	No	Surrogate Key
RefEntityType	Type	nvarchar(100)	No	NULL
RefEntityType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEntityType	Description	nvarchar(4000)	Yes	NULL
RefEntityType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEntryType	RefEntryTypeId	int	No	Surrogate Key
RefEntryType	Type	nvarchar(100)	No	The process by which a student enters a school during a given academic session. [CEDS Element: Entry Type, ID:000099]
RefEntryType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEntryType	Description	nvarchar(4000)	Yes	NULL
RefEntryType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefEnvironmentSetting	RefEnvironmentSettingId	int	No	Surrogate Key
RefEnvironmentSetting	Type	nvarchar(100)	No	The site or setting in which a person receives care, education, and/or services are provided. [CEDS Element: Early Childhood Setting, ID:000356]
RefEnvironmentSetting	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefEnvironmentSetting	Description	nvarchar(4000)	Yes	NULL
RefEnvironmentSetting	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefERSRuralUrbanContinuumCode	RefERSRuralUrbanContinuumCodeId	int	No	Surrogate Key
RefERSRuralUrbanContinuumCode	Type	nvarchar(100)	No	Rural-Urban Continuum Codes form a classification scheme that distinguishes metropolitan (metro) counties by the population size of their metro area, and nonmetropolitan (nonmetro) counties by degree of urbanization and adjacency to a metro area or areas. The metro and nonmetro categories have been subdivided into three metro and six nonmetro groupings, resulting in a nine-part county codification. The codes allow researchers working with county data to break such data into finer residential groups beyond a simple metro-nonmetro dichotomy, particularly for the analysis of trends in nonmetro areas that may be related to degree of rurality and metro proximity. [CEDS Element: Economic Research Service Rural-Urban Continuum Code, ID:000862]

RefERSRuralUrbanContinuumCode	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefERSRuralUrbanContinuumCode	Description	nvarchar(4000)	Yes	NULL
RefERSRuralUrbanContinuumCode	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefExitOrWithdrawalStatus	RefExitOrWithdrawalStatusId	int	No	Surrogate Key
RefExitOrWithdrawalStatus	Type	nvarchar(100)	No	An indication as to whether an instance of student exit/withdrawal is considered to be of a permanent or temporary nature. [CEDS Element: Exit or Withdrawal Status, ID:000108]
RefExitOrWithdrawalStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefExitOrWithdrawalStatus	Description	nvarchar(4000)	Yes	NULL
RefExitOrWithdrawalStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefExitOrWithdrawalType	RefExitOrWithdrawalTypeId	int	No	Surrogate Key
RefExitOrWithdrawalType	Type	nvarchar(100)	No	The circumstances under which the student exited from membership in an educational institution. [CEDS Element: Exit or Withdrawal Type, ID:000110]
RefExitOrWithdrawalType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefExitOrWithdrawalType	Description	nvarchar(4000)	Yes	NULL
RefExitOrWithdrawalType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefFamilyIncomeSource	RefFamilyIncomeSourceId	int	No	Surrogate Key
RefFamilyIncomeSource	Type	nvarchar(100)	No	Sources of total family income. [CEDS Element: Source of Family Income, ID:000333]
RefFamilyIncomeSource	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefFamilyIncomeSource	Description	nvarchar(4000)	Yes	NULL
RefFamilyIncomeSource	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefFederalProgramFundingAllocationType	RefFederalProgramFundingAllocationTypeId	int	No	Surrogate Key
RefFederalProgramFundingAllocationType	Type	nvarchar(100)	No	The type of federal program funding allocation or distribution made. [CEDs Element: Federal Programs Funding Allocation Type, ID:000548]
RefFederalProgramFundingAllocationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefFederalProgramFundingAllocationType	Description	nvarchar(4000)	Yes	NULL
RefFederalProgramFundingAllocationType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefFinancialAidApplicationType	RefFinancialAidApplicationTypeId	int	No	Surrogate Key
RefFinancialAidApplicationType	Type	nvarchar(100)	No	The type of financial application completed by an individual. [CEDs Element: Financial Aid Application Type, ID:001223]
RefFinancialAidApplicationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefFinancialAidApplicationType	Description	nvarchar(4000)	Yes	NULL
RefFinancialAidApplicationType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefFinancialAidAwardStatus	RefFinancialAidStatusId	int	No	Surrogate Key
RefFinancialAidAwardStatus	Type	nvarchar(100)	No	An indication of whether the financial aid type being reported is aid that has been awarded, accepted or dispersed. [CEDs Element: Financial Aid Award Status, ID:000363]
RefFinancialAidAwardStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefFinancialAidAwardStatus	Description	nvarchar(4000)	Yes	NULL
RefFinancialAidAwardStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefFinancialAidAwardType	RefFinancialAidAwardTypeId	int	No	Surrogate Key
RefFinancialAidAwardType	Type	nvarchar(100)	No	The classification of financial aid awarded to a person for the academic term/year. [CEDs Element: Financial Aid Award Type, ID:000113]

RefFinancialAidAwardType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefFinancialAidAwardType	Description	nvarchar(4000)	Yes	NULL
RefFinancialAidAwardType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefFirearmType	RefFirearmTypeId	int	No	Surrogate Key
RefFirearmType	Type	nvarchar(100)	No	The type of firearm. [CEDs Element: Firearm Type, ID:000557]
RefFirearmType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefFirearmType	Description	nvarchar(4000)	Yes	NULL
RefFirearmType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefFoodServiceEligibility	RefFoodServiceEligibilityId	int	No	Surrogate Key
RefFoodServiceEligibility	Type	nvarchar(100)	No	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. [CEDs Element: Eligibility Status for School Food Service Programs, ID:000092]
RefFoodServiceEligibility	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefFoodServiceEligibility	Description	nvarchar(4000)	Yes	NULL
RefFoodServiceEligibility	RefJurisdiction	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefFoodServiceParticipation	RefFoodServiceParticipationId	int	No	Surrogate Key
RefFoodServiceParticipation	Type	nvarchar(100)	No	An indication of a student's participation in free, reduced price, full price breakfast, lunch, snack, supper, and milk programs. [CEDs Element: Participation in School Food Service Programs, ID:000325]
RefFoodServiceParticipation	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefFoodServiceParticipation	Description	nvarchar(4000)	Yes	NULL
RefFoodServiceParticipation	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefFullTimeStatus	RefFullTimeStatusId	int	No	Surrogate Key

RefFullTimeStatus	Type	nvarchar(100)	No	An indication of whether an individual is employed for a standard number of hours (as determined by civil or organizational policies) in a week, month, or other period of time. [CEDS Element: Full-time Status, ID:000736]
RefFullTimeStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefFullTimeStatus	Description	nvarchar(4000)	Yes	NULL
RefFullTimeStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefGoalsForAttending AdultEducation	RefGoalsForAttendingAdultEducationId	int	No	Surrogate Key
RefGoalsForAttending AdultEducation	Type	nvarchar(100)	No	A person's reasons for attending an adult education class or program. [CEDS Element: Goals for Attending Adult Education, ID:001079]
RefGoalsForAttending AdultEducation	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefGoalsForAttending AdultEducation	Description	nvarchar(4000)	Yes	NULL
RefGoalsForAttending AdultEducation	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefGpaWeightedIndicator	RefGpaWeightedIndicatorId	int	No	Surrogate Key
RefGpaWeightedIndicator	Type	nvarchar(100)	No	An indication of whether the reported GPA is weighted or unweighted. [CEDS Element: Grade Point Average Weighted Indicator, ID:000123]
RefGpaWeightedIndicator	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefGpaWeightedIndicator	Description	nvarchar(4000)	Yes	NULL
RefGpaWeightedIndicator	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefGradeLevel	RefGradeLevelId	int	No	Surrogate Key
RefGradeLevel	Type	nvarchar(100)	No	Grade levels offered by educational institutions. [CEDS Elements: Assessment Registration Grade Level When Assessed (001057), Entry Grade Level (000100), Exit Grade Level (001210), Grade Level When Assessed (000126), Grade Level When Course Taken (000125)]
RefGradeLevel	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefGradeLevel	Description	nvarchar(4000)	Yes	NULL

RefGradeLevel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefGradePointAverage Domain	RefGradePointAverageDomainId	int	No	Surrogate Key
RefGradePointAverage Domain	Type	nvarchar(100)	No	The domain to which the Grade Point Average is referencing. [CEDS Element: Grade Point Average Domain, ID:000758]
RefGradePointAverage Domain	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefGradePointAverage Domain	Description	nvarchar(4000)	Yes	NULL
RefGradePointAverage Domain	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefGraduateAssistantIPEDSCategory	RefGraduateAssistantIPEDSCategoryId	int	No	Surrogate Key
RefGraduateAssistantIPEDSCategory	Type	nvarchar(100)	No	The Integrated Postsecondary Education Data System (IPEDS) occupational categories used to report graduate assistants. [CEDS Element: Graduate Assistant IPEDS Occupation Category, ID:000743]
RefGraduateAssistantIPEDSCategory	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefGraduateAssistantIPEDSCategory	Description	nvarchar(4000)	Yes	NULL
RefGraduateAssistantIPEDSCategory	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefGunFreeSchoolsActReportingStatus	RefGunFreeSchoolsActStatusReportingId	int	No	Surrogate Key
RefGunFreeSchoolsActReportingStatus	Type	nvarchar(100)	No	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. [CEDS Element: Gun Free Schools Act Reporting Status, ID:000134]
RefGunFreeSchoolsActReportingStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefGunFreeSchoolsActReportingStatus	Description	nvarchar(4000)	Yes	NULL
RefGunFreeSchoolsActReportingStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefHealthInsuranceCoverage	RefHealthInsuranceCoverageId	int	No	Surrogate Key
RefHealthInsuranceCoverage	Type	nvarchar(100)	No	The nature of insurance covering an person's hospitalization and other health or medical care. [CEDS Element: Insurance Coverage, ID:000335]
RefHealthInsuranceCoverage	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefHealthInsuranceCoverage	Description	nvarchar(4000)	Yes	NULL
RefHealthInsuranceCoverage	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefHearingScreeningStatus	RefHearingScreeningStatusId	int	No	Surrogate Key
RefHearingScreeningStatus	Type	nvarchar(100)	No	Status of an examination used to measure a person's ability to perceive sounds. [CEDS Element: Hearing Screening Status, ID:000309]
RefHearingScreeningStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefHearingScreeningStatus	Description	nvarchar(4000)	Yes	NULL
RefHearingScreeningStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefHigherEducationInstitutionAccreditationStatus	RefHigherEducationInstitutionAccreditationStatusId	int	No	Surrogate Key
RefHigherEducationInstitutionAccreditationStatus	Type	nvarchar(100)	No	An indication of the accreditation status of a higher education institution. [CEDS Element: Higher Education Institution Accreditation Status, ID:000818]
RefHigherEducationInstitutionAccreditationStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefHigherEducationInstitutionAccreditationStatus	Description	nvarchar(4000)	Yes	NULL
RefHigherEducationInstitutionAccreditationStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefHighestEducationLevelCompleted	RefHighestEducationLevelCompletedId	int	No	Surrogate Key

RefHighestEducationLevelCompleted	Type	nvarchar(100)	No	The highest level of education attained by a person. [CEDS Elements: Father's or Paternal Guardian Education (ID:001230), Mother's or Maternal Guardian Education (ID:001229)]
RefHighestEducationLevelCompleted	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefHighestEducationLevelCompleted	Description	nvarchar(4000)	Yes	NULL
RefHighestEducationLevelCompleted	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefHighSchoolDiplomaDistinctionType	RefHighSchoolDiplomaDistinctionTypeId	int	No	Surrogate Key
RefHighSchoolDiplomaDistinctionType	Type	nvarchar(100)	No	The distinction of the diploma or credential that is awarded to a student in recognition of their completion of the curricular requirements. [CEDS Element: High School Diploma Distinction Type, ID:000713]
RefHighSchoolDiplomaDistinctionType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefHighSchoolDiplomaDistinctionType	Description	nvarchar(4000)	Yes	NULL
RefHighSchoolDiplomaDistinctionType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefHighSchoolDiplomaType	RefHighSchoolDiplomaTypeId	int	No	Surrogate Key
RefHighSchoolDiplomaType	Type	nvarchar(100)	No	The type of diploma/credential that is awarded to a person in recognition of his/her completion of the curricular requirements. [CEDS Element: High School Diploma Type, ID:000138]
RefHighSchoolDiplomaType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefHighSchoolDiplomaType	Description	nvarchar(4000)	Yes	NULL
RefHighSchoolDiplomaType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefHighSchoolGraduationRateIndicator	RefHSGraduationRateIndicatorId	int	No	Surrogate Key

RefHighSchoolGraduationRateIndicator	Type	nvarchar(100)	No	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. [CEDs Element: High School Graduation Rate Indicator Status, ID:000140]
RefHighSchoolGraduationRateIndicator	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefHighSchoolGraduationRateIndicator	Description	nvarchar(4000)	Yes	NULL
RefHighSchoolGraduationRateIndicator	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefHomelessNighttimeResidence	RefHomelessNighttimeResidenceId	int	No	Surrogate Key
RefHomelessNighttimeResidence	Type	nvarchar(100)	No	The primary nighttime residence of the students at the time the students are identified as homeless. [CEDs Element: Homeless Primary Nighttime Residence, ID:000146]
RefHomelessNighttimeResidence	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefHomelessNighttimeResidence	Description	nvarchar(4000)	Yes	NULL
RefHomelessNighttimeResidence	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIDEADisciplineMethodFirearm	RefIDEADisciplineMethodFirearmId	int	No	Surrogate Key
RefIDEADisciplineMethodFirearm	Type	nvarchar(100)	No	The methods used to discipline students who are children with disabilities (IDEA) involved in firearms and other outcomes of firearms incidents. [CEDs Element: IDEA Discipline Method for Firearms Incidents, ID:000556]
RefIDEADisciplineMethodFirearm	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIDEADisciplineMethodFirearm	Description	nvarchar(4000)	Yes	NULL
RefIDEADisciplineMethodFirearm	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefIDEAEducationalEnvironmentEC	RefIDEAEducationalEnvironmentECId	int	No	Surrogate Key
RefIDEAEducationalEnvironmentEC	Type	nvarchar(100)	No	The program in which children ages 3 through 5 attend and in which these children receive special education and related services. [CEDs Element: IDEA Educational Environment for Early Childhood, ID:000559]
RefIDEAEducationalEnvironmentEC	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIDEAEducationalEnvironmentEC	Description	nvarchar(4000)	Yes	NULL
RefIDEAEducationalEnvironmentEC	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIDEAEducationalEnvironmentSchoolAge	RefIDESEducationalEnvironmentSchoolAge	int	No	Surrogate Key
RefIDEAEducationalEnvironmentSchoolAge	Type	nvarchar(100)	No	The setting in which children ages 6 through 21, receive special education and related services. [CEDs Element: IDEA Educational Environment for School Age, ID:000535]
RefIDEAEducationalEnvironmentSchoolAge	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIDEAEducationalEnvironmentSchoolAge	Description	nvarchar(4000)	Yes	NULL
RefIDEAEducationalEnvironmentSchoolAge	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIDEAEnvironmentEL	RefIDEAEnvironmentELId	int	No	Surrogate Key
RefIDEAEnvironmentEL	Type	nvarchar(100)	No	The program in which children ages 3 through 5 attend and in which these children receive special education and related services. [CEDs Element: IDEA Educational Environment for Early Childhood, ID:000559]
RefIDEAEnvironmentEL	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIDEAEnvironmentEL	Description	nvarchar(4000)	Yes	NULL
RefIDEAEnvironmentEL	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefIDEAInterimRemoval	RefIDEAInterimRemovalId	int	No	Surrogate Key
RefIDEAInterimRemoval	Type	nvarchar(100)	No	The type of interim removal from current educational setting experienced by children with disabilities (IDEA). [CEDs Element: IDEA Interim Removal, ID:000541]
RefIDEAInterimRemoval	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIDEAInterimRemoval	Description	nvarchar(4000)	Yes	NULL
RefIDEAInterimRemoval	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIDEAInterimRemovalReason	RefIDEAInterimRemovalReasonId	int	No	Surrogate Key
RefIDEAInterimRemovalReason	Type	nvarchar(100)	No	The reasons why children with disabilities were unilaterally removed from their current educational placement to an interim alternative educational setting. [CEDs Element: IDEA Interim Removal Reason, ID:000539]
RefIDEAInterimRemovalReason	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIDEAInterimRemovalReason	Description	nvarchar(4000)	Yes	NULL
RefIDEAInterimRemovalReason	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefImmunizationType	RefImmunizationTypeId	int	No	Surrogate Key
RefImmunizationType	Type	nvarchar(100)	No	An indication of the type of immunization. (Note: The International Classification of Diseases (ICD) is maintained by the World Health Organization. The ICD is revised periodically to incorporate changes in the medical field, the most updated and detailed list of International Statistical Classification of Diseases and Related Health Problems can be found at http://www.who.int/classifications/apps/icd/icd10online). [CEDs Element: Immunization Type, ID:001248]
RefImmunizationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefImmunizationType	Description	nvarchar(4000)	Yes	NULL
RefImmunizationType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIncidentBehavior	RefIncidentBehaviorId	int	No	Surrogate Key
RefIncidentBehavior	Type	nvarchar(100)	No	Categories of behavior coded for use in describing an incident. [CEDs Element: Incident Behavior, ID:000509]
RefIncidentBehavior	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefIncidentBehavior	Description	nvarchar(4000)	Yes	NULL
RefIncidentBehavior	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIncidentBehaviorSecondary	RefIncidentBehaviorSecondaryId	int	No	Surrogate Key
RefIncidentBehaviorSecondary	Type	nvarchar(100)	No	Supplemental information about an incident when the primary offense is more serious in nature than alcohol or drug, etc. offenses. [CEDs Element: Secondary Incident Behavior, ID:000627]
RefIncidentBehaviorSecondary	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIncidentBehaviorSecondary	Description	nvarchar(4000)	Yes	NULL
RefIncidentBehaviorSecondary	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIncidentInjuryType	RefIncidentInjuryTypeId	int	No	Surrogate Key
RefIncidentInjuryType	Type	nvarchar(100)	No	An indication of the occurrence of physical injury to participants involved in the incident and, if so, the level of injury sustained. [CEDs Element: Incident Injury Type, ID:000510]
RefIncidentInjuryType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIncidentInjuryType	Description	nvarchar(4000)	Yes	NULL
RefIncidentInjuryType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIncidentLocation	RefIncidentLocationId	int	No	Surrogate Key
RefIncidentLocation	Type	nvarchar(100)	No	Identifies where the incident occurred and whether or not it occurred on campus. [CEDs Element: Incident Location, ID:000617]
RefIncidentLocation	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIncidentLocation	Description	nvarchar(4000)	Yes	NULL
RefIncidentLocation	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIncidentReporterType	RefIncidentReporterTypeId	int	No	Surrogate Key
RefIncidentReporterType	Type	nvarchar(100)	No	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"). [CEDs Element: Incident Reporter Type, ID:000506]
RefIncidentReporterType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIncidentReporterType	Description	nvarchar(4000)	Yes	NULL

RefIncidentReporterType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIncidentTimeDescriptionCode	RefIncidentTimeDescriptionCodeId	int	No	Surrogate Key
RefIncidentTimeDescriptionCode	Type	nvarchar(100)	No	A code for the description of the time of day that an incident took place. [CEDs Element: Incident Time Description Code, ID:000515]
RefIncidentTimeDescriptionCode	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIncidentTimeDescriptionCode	Description	nvarchar(4000)	Yes	NULL
RefIncidentTimeDescriptionCode	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIncomeCalculationMethod	RefIncomeCalculationMethodId	int	No	Surrogate Key
RefIncomeCalculationMethod	Type	nvarchar(100)	No	The calculation method used by a program to determine total family income. [CEDs Element: Income Calculation Method, ID:000334]
RefIncomeCalculationMethod	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIncomeCalculationMethod	Description	nvarchar(4000)	Yes	NULL
RefIncomeCalculationMethod	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIncreasedLearningTimeType	RefIncreasedLearningTimeTypeId	int	No	Surrogate Key
RefIncreasedLearningTimeType	Type	nvarchar(100)	No	The types of increased learning time provided. [CEDs Element: Increased Learning Time Type, ID:000164]
RefIncreasedLearningTimeType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIncreasedLearningTimeType	Description	nvarchar(4000)	Yes	NULL
RefIncreasedLearningTimeType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIndividualizedProgramDateType	RefIndividualizedProgramDateTypeId	int	No	Surrogate Key

RefIndividualizedProgramDateType	Type	nvarchar(100)	No	An indication of the significance of a date to an individualized program. [CEDS Element: Individualized Program Date Type, ID:001231]
RefIndividualizedProgramDateType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIndividualizedProgramDateType	Description	nvarchar(4000)	Yes	NULL
RefIndividualizedProgramDateType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIndividualizedProgramLocation	RefIndividualizedProgramLocationId	int	No	Surrogate Key
RefIndividualizedProgramLocation	Type	nvarchar(100)	No	The place in which a child's service plan meeting is held. [CEDS Element: Individualized Program Service Plan Meeting Location, ID:001237]
RefIndividualizedProgramLocation	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIndividualizedProgramLocation	Description	nvarchar(4000)	Yes	NULL
RefIndividualizedProgramLocation	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIndividualizedProgramTransitionType	RefIndividualizedProgramTransitionTypeId	int	No	Surrogate Key
RefIndividualizedProgramTransitionType	Type	nvarchar(100)	No	The post-school transition plan for the student recorded on their Individualized Education Program. [CEDS Element: Individualized Program Transition Plan Type, ID:001235]
RefIndividualizedProgramTransitionType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIndividualizedProgramTransitionType	Description	nvarchar(4000)	Yes	NULL
RefIndividualizedProgramTransitionType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIndividualizedProgramType	RefIndividualizedProgramTypeId	int	No	Surrogate Key

RefIndividualizedProgramType	Type	nvarchar(100)	No	A designation of the type of program developed for a student. [CEDDS Element: Individualized Program Type, ID:000320]
RefIndividualizedProgramType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIndividualizedProgramType	Description	nvarchar(4000)	Yes	NULL
RefIndividualizedProgramType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefInstitutionTelephoneType	RefInstitutionTelephoneTypeId	int	No	Surrogate Key
RefInstitutionTelephoneType	Type	nvarchar(100)	No	The type of communication number listed for an organization. [CEDDS Element: Institution Telephone Number Type, ID:000167]
RefInstitutionTelephoneType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefInstitutionTelephoneType	Description	nvarchar(4000)	Yes	NULL
RefInstitutionTelephoneType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefInstructionalActivityHours	RefInstructionalActivityHoursId	int	No	Surrogate Key
RefInstructionalActivityHours	Type	nvarchar(100)	No	The unit of measure of student instructional activity. [CEDDS Element: Instructional Activity Hours Type, ID:000169]
RefInstructionalActivityHours	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefInstructionalActivityHours	Description	nvarchar(4000)	Yes	NULL
RefInstructionalActivityHours	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefInstructionalStaffContractLength	RefInstructionalStaffContractLengthId	int	No	Surrogate Key
RefInstructionalStaffContractLength	Type	nvarchar(100)	No	The contracted teaching period for faculty. [CEDDS Element: Instructional Staff Contract Length, ID:000735]
RefInstructionalStaffContractLength	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefInstructionalStaffContractLength	Description	nvarchar(4000)	Yes	NULL
RefInstructionalStaffContractLength	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefInstructionalStaffFacultyTenure	RefInstructionalStaffFacultyTenureId	int	No	Surrogate Key
RefInstructionalStaffFacultyTenure	Type	nvarchar(100)	No	An indicator of the type of faculty status a person has if, by institutional definition, a staff member has faculty status. [CEDS Element: Instructional Staff Faculty Tenure Status, ID:000739]
RefInstructionalStaffFacultyTenure	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefInstructionalStaffFacultyTenure	Description	nvarchar(4000)	Yes	NULL
RefInstructionalStaffFacultyTenure	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefInstructionCreditType	RefInstructionCreditTypeId	int	No	Surrogate Key
RefInstructionCreditType	Type	nvarchar(100)	No	A designation of the type(s) of instruction being delivered by staff whose primary responsibility is instruction. Instruction that is for "credit" can be applied toward the requirements for a postsecondary degree, diploma, certificate or other formal award. [CEDS Element: Instruction Credit Type, ID:000741]
RefInstructionCreditType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefInstructionCreditType	Description	nvarchar(4000)	Yes	NULL
RefInstructionCreditType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefInstructionLocationType	RefInstructionLocationType	int	No	Surrogate Key
RefInstructionLocationType	Type	nvarchar(100)	No	The type of location at which instruction or service takes place. [CEDS Element: Receiving Location of Instruction, ID:000524]
RefInstructionLocationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefInstructionLocationType	Description	nvarchar(4000)	Yes	NULL

RefInstructionLocationType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIntegratedTechnologyStatus	RefIntegratedTechnologyStatusId	int	No	Surrogate Key
RefIntegratedTechnologyStatus	Type	nvarchar(100)	No	An indication of the extent to which the district has effectively and fully integrated technology, as defined by the state. [CEDs Element: Integrated Technology Status, ID:000170]
RefIntegratedTechnologyStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIntegratedTechnologyStatus	Description	nvarchar(4000)	Yes	NULL
RefIntegratedTechnologyStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefInternetAccess	RefInternetAccessId	int	No	Surrogate Key
RefInternetAccess	Type	nvarchar(100)	No	The type of internet access available. [CEDs Element: Internet Access, ID:000587]
RefInternetAccess	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefInternetAccess	Description	nvarchar(4000)	Yes	NULL
RefInternetAccess	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefIpedOccupationalCategory	RefIpedOccupationalCategoryId	int	No	Surrogate Key
RefIpedOccupationalCategory	Type	nvarchar(100)	No	The Integrated Postsecondary Education Data System (IPEDS) occupational categories used to report employees. [CEDs Element: IPEDS Occupational Category, ID:000731]
RefIpedOccupationalCategory	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefIpedOccupationalCategory	Description	nvarchar(4000)	Yes	NULL
RefIpedOccupationalCategory	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefItemResponseTheoryKappaAlgorithm	RefItemResponseTheoryKappaAlgorithmId	int	No	Surrogate Key
RefItemResponseTheoryKappaAlgorithm	Type	nvarchar(100)	No	The algorithm used to derive the Assessment Item Kappa Value [CEDs Element: Assessment Item Response Theory Kappa Algorithm, ID:001266]
RefItemResponseTheoryKappaAlgorithm	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefItemResponseTheoryKappaAlgorithm	Description	nvarchar(4000)	Yes	NULL
RefItemResponseTheoryKappaAlgorithm	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefItemResponseTheoryDifficultyCategory	RefItemResponseTheoryDifficultyCategoryId	int	No	Surrogate Key
RefItemResponseTheoryDifficultyCategory	Type	nvarchar(100)	No	A category for the difficulty of the item based on the Item Response Theory value. [CEDs Element: Assessment Item Response Theory Parameter Difficulty Category, ID:001253]
RefItemResponseTheoryDifficultyCategory	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefItemResponseTheoryDifficultyCategory	Description	nvarchar(4000)	Yes	NULL
RefItemResponseTheoryDifficultyCategory	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefK12LeaTitleSupportService	RefK12LEATitleSupportServiceId	int	No	Surrogate Key
RefK12LeaTitleSupportService	Type	nvarchar(100)	No	The type of support services provided to students in Title I programs. [CEDs Element: Title I Support Services, ID:000289]
RefK12LeaTitleSupportService	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefK12LeaTitleSupportService	Description	nvarchar(4000)	Yes	NULL
RefK12LeaTitleSupportService	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefK12ResponsibilityType	RefK12ResponsibilityTypeId	int	No	Surrogate Key
RefK12ResponsibilityType	Type	nvarchar(100)	No	The type of services/instruction the organization is responsible for the student. [CEDs Elements: Responsible School Type (000595), Responsible School Identifier (000638), Responsible District Type (000594), Responsible District Identifier (000637)]
RefK12ResponsibilityType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefK12ResponsibilityType	Description	nvarchar(4000)	Yes	NULL

RefK12ResponsibilityType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLanguage	RefLanguageId	int	No	Surrogate Key
RefLanguage	Type	nvarchar(100)	No	The specific language or dialect that a person uses to communicate. [CEDS Element: Language Code, ID:000317]
RefLanguage	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLanguage	Description	nvarchar(max)	Yes	NULL
RefLanguage	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLanguageUseType	RefLanguageUseTypeId	int	No	Surrogate Key
RefLanguageUseType	Type	nvarchar(100)	No	An indication of the function and context in which a person uses a language to communicate. [CEDS Element: Language Type, ID:000316]
RefLanguageUseType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLanguageUseType	Description	nvarchar(4000)	Yes	NULL
RefLanguageUseType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLeaFundsTransferType	RefLeaFundsTransferTypeId	int	No	Surrogate Key
RefLeaFundsTransferType	Type	nvarchar(100)	No	An indication of the type of transfer for an LEAs that transferred funds from an eligible program to another eligible program. [CEDS Element: Local Education Agency Funds Transfer Type, ID:000451]
RefLeaFundsTransferType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLeaFundsTransferType	Description	nvarchar(4000)	Yes	NULL
RefLeaFundsTransferType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLeaImprovementStatus	RefLeaImprovementStatusId	int	No	Surrogate Key
RefLeaImprovementStatus	Type	nvarchar(100)	No	An indication of the improvement stage for AYP of the local education agency (LEA). [CEDS Element: Local Education Agency Improvement Status, ID:000173]
RefLeaImprovementStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLeaImprovementStatus	Description	nvarchar(4000)	Yes	NULL
RefLeaImprovementStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefLearnerActionType	RefLearnerActionTypeId	int	No	Surrogate Key
RefLearnerActionType	Type	nvarchar(100)	No	The type of action taken by the learner. [CEDs Element: Learner Action Type, ID:000934]
RefLearnerActionType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLearnerActionType	Description	nvarchar(4000)	Yes	NULL
RefLearnerActionType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLearnerActivityMaximumTimeAllowedUnits	RefLearnerActivityMaximumTimeAllowedUnits	int	No	Surrogate Key
RefLearnerActivityMaximumTimeAllowedUnits	Type	nvarchar(100)	No	The unit of time of the Maximum Time Allowed value. [CEDs Element: Learner Activity Maximum Time Allowed Unit, ID:000945]
RefLearnerActivityMaximumTimeAllowedUnits	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLearnerActivityMaximumTimeAllowedUnits	Description	nvarchar(4000)	Yes	NULL
RefLearnerActivityMaximumTimeAllowedUnits	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLearnerActivityType	RefLearnerActivityTypeId	int	No	Surrogate Key
RefLearnerActivityType	Type	nvarchar(100)	No	The type of work assigned to the learner. [CEDs Element: Learner Activity Type, ID:000942]
RefLearnerActivityType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLearnerActivityType	Description	nvarchar(4000)	Yes	NULL
RefLearnerActivityType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLearningResourceEducationalUse	RefLearningResourceEducationalUseId	int	No	Surrogate Key
RefLearningResourceEducationalUse	Type	nvarchar(100)	No	The purpose of the work in the context of education. [CEDs Element: Learning Resource Educational Use, ID:001002]
RefLearningResourceEducationalUse	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefLearningResourceEducationalUse	Description	nvarchar(4000)	Yes	NULL
RefLearningResourceEducationalUse	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLearningResourceIntendedEndUserRole	RefLearningResourceIntendedEndUserRoleId	int	No	Surrogate Key
RefLearningResourceIntendedEndUserRole	Type	nvarchar(100)	No	The individual or group for which the resource was produced. [CEDIS Element: Learning Resource Intended End User Role, ID:000923]
RefLearningResourceIntendedEndUserRole	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLearningResourceIntendedEndUserRole	Description	nvarchar(4000)	Yes	NULL
RefLearningResourceIntendedEndUserRole	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLearningResourceInteractivityType	RefLearningResourceInteractivityTypeId	int	No	Surrogate Key
RefLearningResourceInteractivityType	Type	nvarchar(100)	No	The predominate mode of learning supported by the learning resource. Acceptable values are active, expositive, or mixed. [CEDIS Element: Learning Resource Interactivity Type, ID:000927]
RefLearningResourceInteractivityType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLearningResourceInteractivityType	Description	nvarchar(4000)	Yes	NULL
RefLearningResourceInteractivityType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLearningResourceMediaType	RefLearningResourceMediaTypeId	int	No	Surrogate Key
RefLearningResourceMediaType	Type	nvarchar(100)	No	The type of media which is being described. [CEDIS Element: Learning Resource Media Type, ID:000920]
RefLearningResourceMediaType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefLearningResourceMediaTypeId	Description	nvarchar(4000)	Yes	NULL
RefLearningResourceMediaTypeId	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLearningResourceTypeId	RefLearningResourceTypeId	int	No	Surrogate Key
RefLearningResourceTypeId	Type	nvarchar(100)	No	The predominate type or kind characterizing the learning resource. [CEDs Element: Learning Resource Type, ID:000928]
RefLearningResourceTypeId	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLearningResourceTypeId	Description	nvarchar(4000)	Yes	NULL
RefLearningResourceTypeId	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLearningStandardDocumentPublicationStatus	RefLearningStandardDocumentPublicationStatusId	int	No	Surrogate Key
RefLearningStandardDocumentPublicationStatus	Type	nvarchar(100)	No	The publication status of the document. [CEDs Element: Learning Standard Document Publication Status, ID:000698]
RefLearningStandardDocumentPublicationStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLearningStandardDocumentPublicationStatus	Description	nvarchar(4000)	Yes	NULL
RefLearningStandardDocumentPublicationStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLearningStandardItemAssociationType	RefLearningStandardItemAssociationTypeId	int	No	Surrogate Key
RefLearningStandardItemAssociationType	Type	nvarchar(100)	No	Defines the nature of the association between a Learning Standard Item and an associated data object such as a Learning Resource, an Assessment Item, or even another Learning Standard Item. [CEDs Element: Learning Standard Item Association Type, ID:000869]
RefLearningStandardItemAssociationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefLearningStandardItemAssociationType	Description	nvarchar(4000)	Yes	NULL
RefLearningStandardItemAssociationType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLeaType	RefLeaTypeId	int	No	Surrogate Key
RefLeaType	Type	nvarchar(100)	No	The classification of education agencies within the geographic boundaries of a state according to the level of administrative and operational control. [CEDS Element: Local Education Agency Type, ID:000537]
RefLeaType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLeaType	Description	nvarchar(4000)	Yes	NULL
RefLeaType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLeaveEventType	RefLeaveEventTypeId	int	No	Surrogate Key
RefLeaveEventType	Type	nvarchar(100)	No	The type of the leave event. [CEDS Element: Leave Event Type, ID:000624]
RefLeaveEventType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLeaveEventType	Description	nvarchar(4000)	Yes	NULL
RefLeaveEventType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLevelOfInstitution	RefLevelOfInstitutionId	int	No	Surrogate key
RefLevelOfInstitution	Type	nvarchar(100)	No	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. [CEDS Element: Level of Institution, ID:000178]
RefLevelOfInstitution	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLevelOfInstitution	Description	nvarchar(4000)	Yes	NULL
RefLevelOfInstitution	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLicenseExempt	RefLicenseExemptId	int	No	Surrogate Key
RefLicenseExempt	Type	nvarchar(100)	No	The program or center is legally exempt from licensing. [CEDS Element: License Exempt, ID:000350]
RefLicenseExempt	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLicenseExempt	Description	nvarchar(4000)	Yes	NULL
RefLicenseExempt	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefLiteracyAssessment	RefLiteracyAssessmentId	int	No	Surrogate Key

RefLiteracyAssessment	Type	nvarchar(100)	No	The type of literacy test administered. [CEDs Element: Literacy Assessment Administered Type, ID:000466]
RefLiteracyAssessment	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefLiteracyAssessment	Description	nvarchar(4000)	Yes	NULL
RefLiteracyAssessment	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefMagnetSpecialProgram	RefMagnetSpecialProgramId	int	No	Surrogate Key
RefMagnetSpecialProgram	Type	nvarchar(100)	No	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). [CEDs Element: Magnet or Special Program Emphasis School, ID:000181]
RefMagnetSpecialProgram	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefMagnetSpecialProgram	Description	nvarchar(4000)	Yes	NULL
RefMagnetSpecialProgram	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefMedicalAlertIndicator	RefMedicalAlertIndicatorId	int	No	Surrogate Key
RefMedicalAlertIndicator	Type	nvarchar(100)	No	Alert indicator for a medical/health condition. [CEDs Element: Medical Alert Indicator, ID:000439]
RefMedicalAlertIndicator	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefMedicalAlertIndicator	Description	nvarchar(4000)	Yes	NULL
RefMedicalAlertIndicator	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefMepEnrollmentType	RefMepEnrollmentTypeId	int	No	Surrogate Key
RefMepEnrollmentType	Type	nvarchar(100)	No	The type of school/migrant education project in which instruction and/or support services are provided. [CEDs Element: Migrant Education Program Enrollment Type, ID:000437]
RefMepEnrollmentType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefMepEnrollmentType	Description	nvarchar(4000)	Yes	NULL

RefMepEnrollmentType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefMepProjectBased	RefMepProjectBasedId	int	No	Surrogate Key
RefMepProjectBased	Type	nvarchar(100)	No	Indicates the type of MEP project based on the location where the MEP services are held. [CEDS Element: Migrant Education Program Project Based, ID:000440]
RefMepProjectBased	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefMepProjectBased	Description	nvarchar(4000)	Yes	NULL
RefMepProjectBased	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefMepProjectType	RefMepProjectTypeId	int	No	Surrogate Key
RefMepProjectType	Type	nvarchar(100)	No	Type of project funded in whole or in part by MEP funds. [CEDS Element: Migrant Education Program Project Type, ID:000463]
RefMepProjectType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefMepProjectType	Description	nvarchar(4000)	Yes	NULL
RefMepProjectType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefMepServiceType	RefMepServiceTypeId	int	No	Surrogate Key
RefMepServiceType	Type	nvarchar(100)	No	The type of services received by participating migrant students in the migrant education program (MEP). [CEDS Element: Migrant Education Program Services Type, ID:000186]
RefMepServiceType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefMepServiceType	Description	nvarchar(4000)	Yes	NULL
RefMepServiceType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefMepSessionType	RefMepSessionTypeId	int	No	Surrogate Key
RefMepSessionType	Type	nvarchar(100)	No	The time of year that a Migrant Education Program operates. [CEDS Element: Migrant Education Program Session Type, ID:000187]
RefMepSessionType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefMepSessionType	Description	nvarchar(4000)	Yes	NULL
RefMepSessionType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefMepStaffCategory	RefMepStaffCategoryId	int	No	Surrogate Key
RefMepStaffCategory	Type	nvarchar(100)	No	Titles of employment, official status, or rank of staff working in the Migrant Education Program (MEP). [CEDS Element: Migrant Education Program Staff Category, ID:000188]
RefMepStaffCategory	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefMepStaffCategory	Description	nvarchar(4000)	Yes	NULL
RefMepStaffCategory	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefMultipleIntelligenceType	RefMultipleIntelligenceType	int	No	Surrogate Key
RefMultipleIntelligenceType	Type	nvarchar(100)	No	Classification of the Learning Standard Item using intelligences defined for Howard Earl Gardner's Theory of Multiple Intelligences. [CEDs Element: Learning Standard Item Multiple Intelligence, ID:000876]
RefMultipleIntelligenceType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefMultipleIntelligenceType	Description	nvarchar(4000)	Yes	NULL
RefMultipleIntelligenceType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefNaepAspectsOfReading	RefNaepAspectsOfReadingId	int	No	Surrogate Key
RefNaepAspectsOfReading	Type	nvarchar(100)	No	Aspects of reading defined by the National Assessment of Educational Progress (NAEP 2005b Framework). [CEDs Element: NAEP Aspects of Reading, ID:001122]
RefNaepAspectsOfReading	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefNaepAspectsOfReading	Description	nvarchar(4000)	Yes	NULL
RefNaepAspectsOfReading	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefNaepMathComplexityLevel	RefNaepMathComplexityLevelId	int	No	Surrogate Key
RefNaepMathComplexityLevel	Type	nvarchar(100)	No	Complexity levels defined by the National Assessment of Educational Progress (NAEP 2005a Framework). [CEDs Element: NAEP Mathematical Complexity Level, ID:001088]
RefNaepMathComplexityLevel	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefNaepMathComplexityLevel	Description	nvarchar(4000)	Yes	NULL
RefNaepMathComplexityLevel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefNeedDeterminationMethod	RefNeedDeterminationMethodId	int	No	Surrogate Key

RefNeedDeterminatio nMethod	Type	nvarchar(100)	No	The methodology used to determine an individual's financial need. [CEDS Element: Financial Need Determination Methodology, ID:001224]
RefNeedDeterminatio nMethod	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefNeedDeterminatio nMethod	Description	nvarchar(4000)	Yes	NULL
RefNeedDeterminatio nMethod	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefNeglectedProgram Type	RefNeglectedProgramTyp eld	int	No	Surrogate Key
RefNeglectedProgram Type	Type	nvarchar(100)	No	The type of program under ESEA Title I, Part D, Subpart 1 (state programs) or Subpart 2 (LEA). [CEDS Element: Neglected or Delinquent Program Type, ID:000194]
RefNeglectedProgram Type	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefNeglectedProgram Type	Description	nvarchar(4000)	Yes	NULL
RefNeglectedProgram Type	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefNonPromotionReas on	RefNonPromotionReasonI d	int	No	Surrogate Key
RefNonPromotionReas on	Type	nvarchar(100)	No	The primary reason as to why a staff member determined that a student should not be promoted (or be demoted). [CEDS Element: Nonpromotion Reason, ID:000531]
RefNonPromotionReas on	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefNonPromotionReas on	Description	nvarchar(4000)	Yes	NULL
RefNonPromotionReas on	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefNonTraditionalGen derStatus	RefNonTraditionalGender StatusId	int	No	Surrogate Key
RefNonTraditionalGen derStatus	Type	nvarchar(100)	No	An indication of whether CTE participants were members of an underrepresented gender group (where one gender comprises less than 25 percent of the persons employed in those occupations or field of work). [CEDS Element: Career Technical Education Nontraditional Gender Status, ID:000588]
RefNonTraditionalGen derStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefNonTraditionalGen derStatus	Description	nvarchar(4000)	Yes	NULL

RefNonTraditionalGen derStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefOperationalStatus	RefOperationalStatusId	int	No	Surrogate Key
RefOperationalStatus	Type	nvarchar(100)	No	Organization operating status values. [CEDs Elements: School Operational Status (000533), Local Education Agency Operational Status (000174)]
RefOperationalStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefOperationalStatus	Description	nvarchar(4000)	Yes	NULL
RefOperationalStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefOrganizationIdentif icationSystem	RefOrganizationIdentificat ionSystemId	int	No	Surrogate Key
RefOrganizationIdentif icationSystem	Type	nvarchar(100)	No	A coding scheme that is used for identification and record-keeping purposes by an organization. [Organization Identification System (000827), Adult Education Service Provider Identification System (000781), Local Education Agency Identification System (001072), Local Education Agency Supervisory Union Identification Number (000175), School Identification System (001073)]
RefOrganizationIdentif icationSystem	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefOrganizationIdentif icationSystem	Description	nvarchar(4000)	Yes	NULL
RefOrganizationIdentif icationSystem	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefOrganizationIndicat or	RefOrganizationIndicatorI d	int	No	Surrogate Key
RefOrganizationIndicat or	Type	nvarchar(100)	No	The types of indicators (items with a Yes/No option set) for an organization. [CEDs Elements: Advanced Placement Course Self Selection (000017), Shared Time Indicator (000257), Virtual Indicator (001160), Ability Grouping Status (000328)]
RefOrganizationIndicat or	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefOrganizationIndicat or	Description	nvarchar(4000)	Yes	NULL
RefOrganizationIndicat or	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefOrganizationIndicat or	RefOrganizationTypeld	int	Yes	Indicators may only apply to some types of organizations.

RefOrganizationLocationType	RefOrganizationLocationTypeId	int	No	Surrogate Key
RefOrganizationLocationType	Type	nvarchar(100)	No	The type of address listed for an organization. [CEDS Element: Address Type for Organization, ID:001066]
RefOrganizationLocationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefOrganizationLocationType	Description	nvarchar(4000)	Yes	NULL
RefOrganizationLocationType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefOrganizationRelationship	RefOrganizationRelationshipId	int	No	Surrogate Key
RefOrganizationRelationship	Type	nvarchar(100)	No	The type of relationship of one organization to another.
RefOrganizationRelationship	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefOrganizationRelationship	Description	nvarchar(4000)	Yes	NULL
RefOrganizationRelationship	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefOrganizationType	RefOrganizationTypeId	int	No	Surrogate Key
RefOrganizationType	Type	nvarchar(100)	No	Name of the type of organization.
RefOrganizationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefOrganizationType	Description	nvarchar(4000)	Yes	
RefOrganizationType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefOtherNameType	RefOtherNameTypeId	int	No	Surrogate Key
RefOtherNameType	Type	nvarchar(100)	No	The types of previous, alternate or other names for a person. [CEDS Element: Other Name Type, ID:000634]
RefOtherNameType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefOtherNameType	Description	nvarchar(4000)	Yes	NULL
RefOtherNameType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefParaprofessionalQualification	RefParaprofessionalQualificationId	int	No	Surrogate Key

RefParaprofessionalQualification	Type	nvarchar(100)	No	An indication of whether paraprofessionals are classified as qualified for their assignment according to state definition. [CEDS Element: Paraprofessional Qualification Status, ID:000207]
RefParaprofessionalQualification	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefParaprofessionalQualification	Description	nvarchar(4000)	Yes	NULL
RefParaprofessionalQualification	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefParticipationStatusAyp	RefParticipationStatusAypId	int	No	Surrogate Key
RefParticipationStatusAyp	Type	nvarchar(100)	No	An indication of whether the school or district met the 95 percent participation requirement in the subject assessment in accordance with state definition for the purposes of determining AYP. [CEDS Elements: Participation Status for Math (000208), Participation Status for Reading and Language Arts (000209)]
RefParticipationStatusAyp	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefParticipationStatusAyp	Description	nvarchar(4000)	Yes	NULL
RefParticipationStatusAyp	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefParticipationType	RefParticipationTypeId	int	No	Surrogate Key
RefParticipationType	OrganizationId	int	No	Surrogate Key to Organization identifying the Program.
RefParticipationType	Type	nvarchar(100)	No	Identifies the code or additional attribute that further defines the individual's participation in the program. [CEDS Elements: Kindergarten Program Participation Type (000714), GED Preparation Program Participation Status (000120)]
RefParticipationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefParticipationType	Description	nvarchar(4000)	Yes	NULL
RefParticipationType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPersonallInformationVerification	RefPersonallInformationVerificationId	int	No	Surrogate Key

RefPersonAllInformationVerification	Type	nvarchar(100)	No	The evidence by which a persons name, address, date of birth, etc. is confirmed. [CEDS Element: Personal Information Verification, ID:000618]
RefPersonAllInformationVerification	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPersonAllInformationVerification	Description	nvarchar(4000)	Yes	NULL
RefPersonAllInformationVerification	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPersonIdentificationSystem	RefPersonIdentificationSystemId	int	No	Surrogate Key
RefPersonIdentificationSystem	Type	nvarchar(100)	No	The type of person identifier. [Related CEDS Elements: Child Identification System (000785), Student Identification System (001075), Staff Member Identification System(001074), Social Security Number (000259)]
RefPersonIdentificationSystem	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPersonIdentificationSystem	Description	nvarchar(4000)	Yes	NULL
RefPersonIdentificationSystem	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPersonLocationType	RefPersonLocationTypeId	int	No	Surrogate Key
RefPersonLocationType	Type	nvarchar(100)	No	The type of address for a person. [CEDS Elements: Address Type for Learner or Family (000010), Address Type for Staff (000722)]
RefPersonLocationType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPersonLocationType	Description	nvarchar(4000)	Yes	NULL
RefPersonLocationType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPersonLocationType	RoleId	int	Yes	Surrogate key from Role identifying the type of person (Child, Student, Staff, Parent, etc.).
RefPersonRelationship	RefPersonRelationshipId	int	No	Surrogate Key
RefPersonRelationship	Type	nvarchar(100)	No	The nature of the person's relationship to another person. [CEDS Element: Person Relationship to Learner Type, ID:000425]

RefPersonRelationship	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPersonRelationship	Description	nvarchar(4000)	Yes	NULL
RefPersonRelationship	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPersonStatusType	RefPersonStatusTypeId	int	No	Surrogate Key
RefPersonStatusType	Type	nvarchar(100)	No	The type of status. An example would be Economic Disadvantaged Status.
RefPersonStatusType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPersonStatusType	Description	nvarchar(4000)	Yes	NULL
RefPersonStatusType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPersonTelephoneNumberType	RefPersonTelephoneNumberType	int	No	Surrogate Key
RefPersonTelephoneNumberType	Type	nvarchar(100)	No	The type of communication number listed for a person. [CEDS Element: Telephone Number Type, ID:000280]
RefPersonTelephoneNumberType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPersonTelephoneNumberType	Description	nvarchar(4000)	Yes	NULL
RefPersonTelephoneNumberType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPopulationServed	RefPopulationServedId	int	No	Surrogate Key
RefPopulationServed	Type	nvarchar(100)	No	The population served by the program, class, organization, etc. [CEDS Element: Special Circumstances Population Served, ID:000852]
RefPopulationServed	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPopulationServed	Description	nvarchar(4000)	Yes	NULL
RefPopulationServed	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPreAndPostTestIndicator	RefPreAndPostTestIndicatorId	int	No	Surrogate Key
RefPreAndPostTestIndicator	Type	nvarchar(100)	No	An indication of whether students took both a pre-test and a post-test to measure academic improvement. [CEDS Element: Pre and Post Test Indicator, ID:000571]
RefPreAndPostTestIndicator	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefPreAndPostTestIndicator	Description	nvarchar(4000)	Yes	NULL
RefPreAndPostTestIndicator	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPredominantCalendarSystem	RefPredominantCalendarSystem	int	No	Surrogate Key
RefPredominantCalendarSystem	Type	nvarchar(100)	No	The method by which an institution structures most of its courses for the academic year. [CEDS Element: Predominant Calendar System, ID:000729]
RefPredominantCalendarSystem	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPredominantCalendarSystem	Description	nvarchar(4000)	Yes	NULL
RefPredominantCalendarSystem	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPreKEligibleAgesNonIDEA	RefPreKEligibleAgesNonIDEAId	int	No	Surrogate Key
RefPreKEligibleAgesNonIDEA	Type	nvarchar(100)	No	The ages of children not served under IDEA to whom the LEA's pre-kindergarten services are available. [CEDS Element: Pre-kindergarten Eligible Ages for Non-IDEA Students, ID:000217]
RefPreKEligibleAgesNonIDEA	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPreKEligibleAgesNonIDEA	Description	nvarchar(4000)	Yes	NULL
RefPreKEligibleAgesNonIDEA	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPrekindergartenEligibility	RefPrekindergartenEligibilityId	int	No	Surrogate Key
RefPrekindergartenEligibility	Type	nvarchar(100)	No	The groups of students for whom pre-kindergarten programs are available. [CEDS Element: Pre-kindergarten Eligibility, ID:000216]
RefPrekindergartenEligibility	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPrekindergartenEligibility	Description	nvarchar(4000)	Yes	NULL
RefPrekindergartenEligibility	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPresentAttendanceCategory	RefPresentAttendanceCategoryId	int	No	Surrogate Key

RefPresentAttendance Category	Type	nvarchar(100)	No	The category that describes how the student spends his or her time when attending an instructional program approved by the state and/or school. [CEDS Element: Present Attendance Category, ID:000600]
RefPresentAttendance Category	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPresentAttendance Category	Description	nvarchar(4000)	Yes	NULL
RefPresentAttendance Category	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPriorToSecondaryS ubject	RefPriorToSecondarySub jectId	int	No	Surrogate Key
RefPriorToSecondaryS ubject	Type	nvarchar(100)	No	A classification of related courses or units of courses provided for students of elementary and middle school levels. The two character code is used as the first two digits of the School Codes for Exchanged of Data that uniquely identify any course. [CEDS Element: Prior to Secondary Course Subject Area, ID:001159]
RefPriorToSecondaryS ubject	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPriorToSecondaryS ubject	Description	nvarchar(4000)	Yes	NULL
RefPriorToSecondaryS ubject	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefProfessionalDevelo pmentFinancialSupport	RefProfessionalDevelopm entFinancialSupportId	int	No	Surrogate key.
RefProfessionalDevelo pmentFinancialSupport	Type	nvarchar(100)	No	The type of financial assistance received in support of non-credit professional development activities. [CEDS Element: Professional Development Financial Support Type, ID:000812]
RefProfessionalDevelo pmentFinancialSupport	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProfessionalDevelo pmentFinancialSupport	Description	nvarchar(4000)	Yes	NULL
RefProfessionalDevelo pmentFinancialSupport	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefProfessionalEducationJobClassification	RefProfessionalEducationJobClassificationId	int	No	Surrogate Key
RefProfessionalEducationJobClassification	Type	nvarchar(100)	No	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. [CEDS Element: Professional Educational Job Classification, ID:000220]
RefProfessionalEducationJobClassification	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProfessionalEducationJobClassification	Description	nvarchar(4000)	Yes	NULL
RefProfessionalEducationJobClassification	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefProfessionalTechnicalCredentialType	RefProfessionalTechnicalCredentialTypeId	int	No	Surrogate Key
RefProfessionalTechnicalCredentialType	Type	nvarchar(100)	No	An indicator of the category of credential conferred by a state occupational licensing entity or industry organization for competency in a specific area measured by a set of pre-established standards. [CEDS Element: Professional or Technical Credential Conferred, ID:000783]
RefProfessionalTechnicalCredentialType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProfessionalTechnicalCredentialType	Description	nvarchar(4000)	Yes	NULL
RefProfessionalTechnicalCredentialType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefProficiencyStatus	RefProficiencyStatusId	int	No	Surrogate Key
RefProficiencyStatus	Type	nvarchar(100)	No	An indication of whether a student's scores were proficient. [CEDS Element: Proficiency Status, ID:000573]
RefProficiencyStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProficiencyStatus	Description	nvarchar(4000)	Yes	NULL
RefProficiencyStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefProficiencyTargetAyp	RefProficiencyTargetAypId	int	No	Surrogate Key
RefProficiencyTargetAyp	Type	nvarchar(100)	No	An indication of whether the school or district met the proficiency target in accordance with state definition for the purposes of determining AYP. [CEDS Elements: Proficiency Target Status for Math (000221), Proficiency Target Status for Reading and Language Arts (000553)]
RefProficiencyTargetAyp	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProficiencyTargetAyp	Description	nvarchar(4000)	Yes	NULL
RefProficiencyTargetAyp	RefJurisdictionId	int	No	Surrogate key from Organization identifying the publisher of the reference value.
RefProgramDayLength	RefProgramDayLengthId	int	No	Surrogate Key
RefProgramDayLength	Type	nvarchar(100)	No	The portion of a day that a program is provided to the students it serves. [CEDS Elements: Kindergarten Daily Length (000491), Prekindergarten Daily Length (000490)]
RefProgramDayLength	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProgramDayLength	Description	nvarchar(4000)	Yes	NULL
RefProgramDayLength	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefProgramExitReason	RefProgramExitReasonId	int	No	Surrogate Key
RefProgramExitReason	Type	nvarchar(100)	No	The documented or assumed reason a student is no longer being served by a special program. [CEDS Element: Exit Reason, ID:000222]
RefProgramExitReason	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProgramExitReason	Description	nvarchar(4000)	Yes	NULL
RefProgramExitReason	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefProgramGiftedEligibility	RefProgramGiftedEligibilityId	int	No	Surrogate Key
RefProgramGiftedEligibility	Type	nvarchar(100)	No	State/local code used to determine eligibility for Gifted/Talented program. [CEDS Element: Program Gifted Eligibility Criteria, ID:001244]
RefProgramGiftedEligibility	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProgramGiftedEligibility	Description	nvarchar(4000)	Yes	NULL
RefProgramGiftedEligibility	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefProgramLengthHours	RefProgramLengthHoursT	int	No	Surrogate Key

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RefProgramLengthHoursType	Type	nvarchar(100)	No	The type of hours (credit or contact) by which the normal length of a program of study is measured. [CEDS Element: Program Length Hours Type, ID:000224]
RefProgramLengthHoursType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProgramLengthHoursType	Description	nvarchar(4000)	Yes	NULL
RefProgramLengthHoursType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefProgramSponsorType	RefProgramSponsorType	int	No	Surrogate Key
RefProgramSponsorType	Type	nvarchar(100)	No	An indication of the type of organization or institution responsible for sponsoring a person seeking alternative credentialing from a state agency. [CEDS Element: Program Sponsor Type, ID:000716]
RefProgramSponsorType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProgramSponsorType	Description	nvarchar(4000)	Yes	NULL
RefProgramSponsorType	RefJurisdiction	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefProgramType	RefProgramTypeId	int	No	Surrogate Key
RefProgramType	Type	nvarchar(100)	No	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. [CEDS Element: Program Type, ID:000225]
RefProgramType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProgramType	Description	nvarchar(4000)	Yes	NULL
RefProgramType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefProgressLevel	RefProgressLevelId	int	No	Surrogate Key
RefProgressLevel	Type	nvarchar(100)	No	The amount of progress shown in academic subjects. [CEDS Element: Progress Level, ID:000561]
RefProgressLevel	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProgressLevel	Description	nvarchar(4000)	Yes	NULL
RefProgressLevel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPromotionReason	RefPromotionReasonId	int	No	Surrogate Key

RefPromotionReason	Type	nvarchar(100)	No	The nature of the student's promotion or progress at the end of a given school term. [CEDS Element: Promotion Reason, ID:000530]
RefPromotionReason	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPromotionReason	Description	nvarchar(4000)	Yes	NULL
RefPromotionReason	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefProofOfResidency	RefProofOfResidencyId	int	No	Surrogate Key
RefProofOfResidency	Type	nvarchar(100)	No	An accepted form of proof of residency in the district/county/other locality. [CEDS Element: Proof of Residency, ID:000305]
RefProofOfResidency	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefProofOfResidency	Description	nvarchar(4000)	Yes	NULL
RefProofOfResidency	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPsCourseLevel	RefPsCourseLevelId	int	No	Surrogate Key
RefPsCourseLevel	Type	nvarchar(100)	No	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. [CEDS Element: Postsecondary Course Level, ID:000215]
RefPsCourseLevel	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPsCourseLevel	Description	nvarchar(4000)	Yes	NULL
RefPsCourseLevel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPsEnrollmentAction	RefPsEnrollmentActionId	int	No	Surrogate Key
RefPsEnrollmentAction	Type	nvarchar(100)	No	The action taken with respect to postsecondary enrollment by the student who graduated from the school, LEA or state in the past two years. [CEDS Element: Postsecondary Enrollment Action, ID:000586]
RefPsEnrollmentAction	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPsEnrollmentAction	Description	nvarchar(4000)	Yes	NULL
RefPsEnrollmentAction	RefJurisdiction	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPsEnrollmentAwardType	RefPsEnrollmentAwardTypeId	int	No	Surrogate Key
RefPsEnrollmentAwardType	Type	nvarchar(100)	No	An indicator of the award level in which the person is currently enrolled. [CEDS Element: Enrollment in Postsecondary Award Type, ID:000361]
RefPsEnrollmentAwardType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

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RefPsEnrollmentAwardType	Description	nvarchar(4000)	Yes	NULL
RefPsEnrollmentAwardType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPsEnrollmentStatus	RefPsEnrollmentStatusId	int	No	Surrogate Key
RefPsEnrollmentStatus	Type	nvarchar(100)	No	An indication of the student's enrollment status for a particular term as defined by the institution [CEDS Element: Postsecondary Enrollment Status, ID:000096]
RefPsEnrollmentStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPsEnrollmentStatus	Description	nvarchar(4000)	Yes	NULL
RefPsEnrollmentStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPsEnrollmentType	RefPsEnrollmentTypeId	int	No	Surrogate Key
RefPsEnrollmentType	Type	nvarchar(100)	No	An indicator of the enrollment type associated with the enrollment award level of a person at the beginning of a term. [CEDS Element: Postsecondary Enrollment Type, ID:000095]
RefPsEnrollmentType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPsEnrollmentType	Description	nvarchar(4000)	Yes	NULL
RefPsEnrollmentType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPsLepType	RefPsLepTypeId	int	No	Surrogate Key
RefPsLepType	Type	nvarchar(100)	No	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. [CEDS Element: Limited English Proficiency - Postsecondary, ID:000179]
RefPsLepType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPsLepType	Description	nvarchar(4000)	Yes	NULL
RefPsLepType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPsStudentLevel	RefPsStudentLevelId	int	No	Surrogate Key
RefPsStudentLevel	Type	nvarchar(100)	No	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. [CEDS Element: Student Level, ID:000272]

RefPsStudentLevel	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPsStudentLevel	Description	nvarchar(4000)	Yes	NULL
RefPsStudentLevel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPublicSchoolChoice Status	RefPublicSchoolChoiceStatusId	int	No	Surrogate Key
RefPublicSchoolChoice Status	Type	nvarchar(100)	No	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. [CEDs Element: Public School Choice Implementation Status, ID:000227]
RefPublicSchoolChoice Status	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPublicSchoolChoice Status	Description	nvarchar(4000)	Yes	NULL
RefPublicSchoolChoice Status	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefPublicSchoolResidence	RefPublicSchoolResidenceId	int	No	Surrogate Key
RefPublicSchoolResidence	Type	nvarchar(100)	No	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. [CEDs Element: Public School Residence Status, ID:000532]
RefPublicSchoolResidence	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefPublicSchoolResidence	Description	nvarchar(4000)	Yes	NULL
RefPublicSchoolResidence	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefQerAdministrative DataSource	RefQerAdministrativeDataSourceId	int	No	Surrogate Key
RefQerAdministrative DataSource	Type	nvarchar(100)	No	Administrative data source of information used to collect employment and earnings-related data. [CEDs Element: Quarterly Employment Record Administrative Data Source, ID:000994]
RefQerAdministrative DataSource	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefQerAdministrative DataSource	Description	nvarchar(4000)	Yes	NULL

RefQerAdministrativeDataSource	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefQrisParticipation	RefQrisParticipationId	int	No	Surrogate Key
RefQrisParticipation	Type	nvarchar(100)	No	Program site participates in a Quality Rating and Improvement System (QRIS). [CEDs Element: Quality Rating and Improvement System Participation, ID:000357]
RefQrisParticipation	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefQrisParticipation	Description	nvarchar(4000)	Yes	NULL
RefQrisParticipation	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefRace	RefRaceId	int	No	Surrogate Key
RefRace	Type	nvarchar(100)	No	The name used to describe a group of persons related by common descent or heredity. [CEDs Elements: Asian (000020), American Indian or Alaska Native (000016), Black or African American (000034), Native Hawaiian or Other Pacific Islander (000192), White (000301), Demographic Race Two or More Races (000973)]
RefRace	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefRace	Description	nvarchar(4000)	Yes	NULL
RefRace	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefReapAlternativeFundingStatus	RefReapAlternativeFundingStatusId	int	No	Surrogate Key
RefReapAlternativeFundingStatus	Type	nvarchar(100)	No	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. [CEDs Element: Rural Education Achievement Program Alternative Funding Status, ID:000560]
RefReapAlternativeFundingStatus	Code	nvarchar(50)	Yes	An abbreviation for the type.
RefReapAlternativeFundingStatus	Description	nvarchar(4000)	Yes	NULL
RefReapAlternativeFundingStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefReconstitutedStatus	RefReconstitutedStatusId	int	No	Surrogate Key

RefReconstitutedStatus	Type	nvarchar(100)	No	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). [CEDS Element: Reconstituted Status, ID:000230]
RefReconstitutedStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefReconstitutedStatus	Description	nvarchar(4000)	Yes	NULL
RefReconstitutedStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefRestructuringAction	RefRestructuringActionId	int	No	Surrogate Key
RefRestructuringAction	Type	nvarchar(100)	No	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). [CEDS Element: Restructuring Action, ID:000232]
RefRestructuringAction	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefRestructuringAction	Description	nvarchar(4000)	Yes	NULL
RefRestructuringAction	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefRlisProgramUse	RefRlisProgramUseId	int	No	Surrogate Key
RefRlisProgramUse	Type	nvarchar(100)	No	The type of use of the Rural Low-Income Schools Program (RLIS) (Title VI, Part B, Subpart 2) Grant Funds. [CEDS Element: Type of Use of the Rural Low-Income Schools Program, ID:000486]
RefRlisProgramUse	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefRlisProgramUse	Description	nvarchar(4000)	Yes	NULL
RefRlisProgramUse	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefRoleStatus	RefRoleStatusId	int	No	Surrogate Key
RefRoleStatus	Type	nvarchar(100)	No	The types of status values for a person's role with an organization.
RefRoleStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefRoleStatus	Description	nvarchar(4000)	Yes	NULL
RefRoleStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSchoolFoodServiceProgram	RefSchoolFoodServiceProgramId	int	No	Surrogate Key

RefSchoolFoodServiceProgram	Type	nvarchar(100)	No	An indication of a student's participation in free, reduced price, full price breakfast, lunch, snack, supper, and milk programs. [CEDS Element: Participation in School Food Service Programs, ID:000325]
RefSchoolFoodServiceProgram	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSchoolFoodServiceProgram	Description	nvarchar(4000)	Yes	NULL
RefSchoolFoodServiceProgram	RefJurisdiction	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSchoolImprovementFunds	RefSchoolImprovementFundsId	int	No	Surrogate Key
RefSchoolImprovementFunds	Type	nvarchar(100)	No	An indication of whether the school received funds under Section 1003 of ESEA, as amended. [CEDS Element: School Improvement Funds Status, ID:000238]
RefSchoolImprovementFunds	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSchoolImprovementFunds	Description	nvarchar(4000)	Yes	NULL
RefSchoolImprovementFunds	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSchoolImprovementStatus	RefSchoolImprovementStatusId	int	No	Surrogate Key
RefSchoolImprovementStatus	Type	nvarchar(100)	No	An indication of the improvement stage of the school. [CEDS Element: School Improvement Status, ID:000240]
RefSchoolImprovementStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSchoolImprovementStatus	Description	nvarchar(4000)	Yes	NULL
RefSchoolImprovementStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSchoolLevel	RefSchoolLevelId	int	No	Surrogate Key
RefSchoolLevel	Type	nvarchar(100)	No	An indication of the level of the education institution. [CEDS Element: School Level, ID:000241]
RefSchoolLevel	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSchoolLevel	Description	nvarchar(4000)	Yes	NULL
RefSchoolLevel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSchoolType	RefSchoolTypeId	int	No	Surrogate Key

RefSchoolType	Type	nvarchar(100)	No	The type of education institution as classified by its primary focus. [CEDs Element: School Type, ID:000242]
RefSchoolType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSchoolType	Description	nvarchar(4000)	Yes	NULL
RefSchoolType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefScoreMetricType	RefScoreMetricTypeId	int	No	Surrogate Key
RefScoreMetricType	Type	nvarchar(100)	No	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. [CEDs Element: Assessment Subtest Score Metric Type, ID:000369]
RefScoreMetricType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefScoreMetricType	Description	nvarchar(4000)	Yes	NULL
RefScoreMetricType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSecondaryCourseLevel	RefSecondaryCourseLevelId	int	No	Surrogate Key
RefSecondaryCourseLevel	Type	nvarchar(100)	No	The secondary course's level of rigor. [CEDs Element: Secondary Course Level, ID:000247]
RefSecondaryCourseLevel	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSecondaryCourseLevel	Description	nvarchar(4000)	Yes	NULL
RefSecondaryCourseLevel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSecondaryCourseSubjectArea	RefSecondaryCourseSubjectAreaId	int	No	Surrogate Key
RefSecondaryCourseSubjectArea	Type	nvarchar(100)	No	The intended major subject area of the secondary education course. [CEDs Element: Secondary Course Subject Area, ID:000248]
RefSecondaryCourseSubjectArea	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSecondaryCourseSubjectArea	Description	nvarchar(4000)	Yes	NULL
RefSecondaryCourseSubjectArea	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefServiceOption	RefServiceOptionId	int	No	Surrogate Key

RefServiceOption	Type	nvarchar(100)	No	Nature of program, class or group in which a person is enrolled. [CEDS Element: Service Option Variation, ID:000353]
RefServiceOption	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefServiceOption	Description	nvarchar(4000)	Yes	NULL
RefServiceOption	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefServices	RefServicesId	int	No	Surrogate Key.
RefServices	Type	nvarchar(100)	No	A service provided to a person in any of the P-20 and workforce domains. [CEDS Elements: Early Intervention or Special Education Services Received (ID 000321)]
RefServices	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefServices	Description	nvarchar(4000)	Yes	NULL
RefServices	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefServiceSetting	RefServiceSettingId	int	No	Surrogate Key
RefServiceSetting	Type	nvarchar(100)	No	The setting in which a person receives services. [CEDS Elements: Early Intervention or Special Education Services Setting (ID:000322)]
RefServiceSetting	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefServiceSetting	Description	nvarchar(4000)	Yes	NULL
RefServiceSetting	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSessionType	RefSessionTypeId	int	No	Surrogate Key
RefSessionType	Type	nvarchar(100)	No	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. [CEDS Element: Session Type, ID:000254]
RefSessionType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSessionType	Description	nvarchar(4000)	Yes	NULL
RefSessionType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSex	RefSexId	int	No	Surrogate Key
RefSex	Type	nvarchar(100)	No	The concept describing the biological traits that distinguish the males and females of a species. [CEDS Element: Sex, ID:000255]
RefSex	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefSex	Description	nvarchar(4000)	Yes	NULL
RefSex	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSigInterventionType	RefSigInterventionTypeId	int	No	Surrogate Key
RefSigInterventionType	Type	nvarchar(100)	No	The type of intervention used by the school under the School Improvement Grant (SIG). [CEDs Element: School Improvement Grant Intervention Type, ID:000239]
RefSigInterventionType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSigInterventionType	Description	nvarchar(4000)	Yes	NULL
RefSigInterventionType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSingleSexClassStatus	RefSingleSexClassStatusId	int	No	Surrogate Key
RefSingleSexClassStatus	Type	nvarchar(100)	No	Class in a co-educational school where only male or only female students are permitted to take the class. [CEDs Element: Class Section Single Sex Class Status, ID:000258]
RefSingleSexClassStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSingleSexClassStatus	Description	nvarchar(4000)	Yes	NULL
RefSingleSexClassStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSpaceUseType	RefSpaceUseTypeId	int	No	Surrogate Key
RefSpaceUseType	Type	nvarchar(100)	No	The primary use of a space, as determined by its physical layout and built-in systems and equipment, regardless of its original design. [CEDs Element: Facility Space Use Type, ID:001208]
RefSpaceUseType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSpaceUseType	Description	nvarchar(4000)	Yes	NULL
RefSpaceUseType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSpecialEducationAgeGroupTaught	RefSpecialEducationAgeGroupTaughtId	int	No	Surrogate Key
RefSpecialEducationAgeGroupTaught	Type	nvarchar(100)	No	The age range of special education students taught. [CEDs Element: Special Education Age Group Taught, ID:000564]

RefSpecialEducationAgeGroupTaught	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSpecialEducationAgeGroupTaught	Description	nvarchar(4000)	Yes	NULL
RefSpecialEducationAgeGroupTaught	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSpecialEducationExitReason	RefSpecialEducationExitReasonId	int	No	Surrogate Key
RefSpecialEducationExitReason	Type	nvarchar(100)	No	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. [CEDS Element: Special Education Exit Reason, ID:000260]
RefSpecialEducationExitReason	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSpecialEducationExitReason	Description	nvarchar(4000)	Yes	NULL
RefSpecialEducationExitReason	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSpecialEducationStaffCategory	RefSpecialEducationStaffCategoryId	int	No	Surrogate Key
RefSpecialEducationStaffCategory	Type	nvarchar(100)	No	Titles of personnel employed and contracted to provide related services for children with disabilities. [CEDS Element: Special Education Staff Category, ID:000558]
RefSpecialEducationStaffCategory	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSpecialEducationStaffCategory	Description	nvarchar(4000)	Yes	NULL
RefSpecialEducationStaffCategory	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefStaffPerformanceLevel	RefStaffPerformanceLevelId	int	No	Surrogate Key
RefStaffPerformanceLevel	Type	nvarchar(100)	No	The levels used in district evaluation systems for assigning teacher or principal performance ratings. [CEDS Element: Faculty and Administration Performance Level, ID:000589]
RefStaffPerformanceLevel	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefStaffPerformancel evel	Description	nvarchar(4000)	Yes	NULL
RefStaffPerformancel evel	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefStandardizedAdmis sionTest	RefStandardizedAdmis sionTestId	int	No	Surrogate Key
RefStandardizedAdmis sionTest	Type	nvarchar(100)	No	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. [CEDS Element: Standardized Admission Test Type, ID:000266]
RefStandardizedAdmis sionTest	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefStandardizedAdmis sionTest	Description	nvarchar(4000)	Yes	NULL
RefStandardizedAdmis sionTest	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefState	RefStateId	int	No	Surrogate Key
RefState	Type	nvarchar(100)	No	The State Name.
RefState	Code	nvarchar(50)	Yes	The abbreviation for the state (within the United States) or outlying area in which an address is located. [CEDS Element: State Abbreviation, ID:000267]
RefState	Description	nvarchar(4000)	Yes	NULL
RefState	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefStateANSICode	RefStateANSICode	char	No	The American National Standards Institute (ANSI) two-digit code for the state. [CEDS Element: State ANSI Code, ID:000424]
RefStateANSICode	StateName	nvarchar(100)	Yes	State name
RefStatePovertyDesign ation	RefStatePovertyDesignati onId	int	No	Surrogate Key
RefStatePovertyDesign ation	Type	nvarchar(100)	No	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. [CEDS Element: State Poverty Designation, ID:000585]
RefStatePovertyDesign ation	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefStatePovertyDesign ation	Description	nvarchar(4000)	Yes	NULL

RefStatePovertyDesignation	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefStudentSupportServiceType	RefStudentSupportServiceTypeId	int	No	Surrogate Key
RefStudentSupportServiceType	Type	nvarchar(100)	No	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. [CEDS Element: Student Support Service Type, ID:000273]
RefStudentSupportServiceType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefStudentSupportServiceType	Description	nvarchar(4000)	Yes	NULL
RefStudentSupportServiceType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefSupervisedClinicalExperience	RefSupervisedClinicalExperienceId	int	No	Surrogate Key
RefSupervisedClinicalExperience	Type	nvarchar(100)	No	An indication of whether a person is enrolled in a supervised clinical experience (including student teaching) as part of a teacher preparation program. [CEDS Element: Supervised Clinical Experience, ID:000771]
RefSupervisedClinicalExperience	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefSupervisedClinicalExperience	Description	nvarchar(4000)	Yes	NULL
RefSupervisedClinicalExperience	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTeacherEducationCredentialExam	RefTeacherEducationCredentialExamId	int	No	Surrogate Key
RefTeacherEducationCredentialExam	Type	nvarchar(100)	No	The type of examination used to assess teacher candidate's knowledge and skills. [CEDS Element: Teacher Education Credential Exam Type, ID:000773]
RefTeacherEducationCredentialExam	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefTeacherEducationC redentialExam	Description	nvarchar(4000)	Yes	NULL
RefTeacherEducationC redentialExam	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTeacherEducationE xamScoreType	RefTeacherEducationExa mScoreTypeId	int	No	Surrogate Key
RefTeacherEducationE xamScoreType	Type	nvarchar(100)	No	An indication of the type of credential exam associated with a given exam score. [CEDS Element: Teacher Education Credential Exam Score Type, ID:000774]
RefTeacherEducationE xamScoreType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTeacherEducationE xamScoreType	Description	nvarchar(4000)	Yes	NULL
RefTeacherEducationE xamScoreType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTeacherEducationT estCompany	RefTeacherEducationTest CompanyId	int	No	Surrogate Key
RefTeacherEducationT estCompany	Type	nvarchar(100)	No	The name of the company that provides the examination used in the teacher education program. [CEDS Element: Teacher Education Test Company, ID:000766]
RefTeacherEducationT estCompany	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTeacherEducationT estCompany	Description	nvarchar(4000)	Yes	NULL
RefTeacherEducationT estCompany	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTeacherPrepCompl eterStatus	RefTeacherPrepCompleter Status	int	No	Surrogate Key
RefTeacherPrepCompl eterStatus	Type	nvarchar(100)	No	An indication of whether a person completed a state-approved teacher preparation program. The fact that a person has or has not been recommended to the state for initial certification or licensure may not be used as a criterion for determining who is a program completer. [CEDS Element: Teacher Preparation Program Completer Status, ID:000768]

RefTeacherPrepCompl eterStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTeacherPrepCompl eterStatus	Description	nvarchar(4000)	Yes	NULL
RefTeacherPrepCompl eterStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTeacherPrepEnroll mentStatus	RefTeacherPrepEnrollmen tStatusId	int	No	Surrogate Key
RefTeacherPrepEnroll mentStatus	Type	nvarchar(100)	No	An indication of whether a person is pursuing certification as a teacher. [CEDS Element: Teacher Preparation Program Enrollment Status, ID:000767]
RefTeacherPrepEnroll mentStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTeacherPrepEnroll mentStatus	Description	nvarchar(4000)	Yes	NULL
RefTeacherPrepEnroll mentStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTeachingAssignmen tRole	RefTeachingAssignmentRo leId	int	No	Surrogate Key
RefTeachingAssignmen tRole	Type	nvarchar(100)	No	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.) [CEDS Element: Teaching Assignment Role, ID:000648]
RefTeachingAssignmen tRole	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTeachingAssignmen tRole	Description	nvarchar(4000)	Yes	NULL
RefTeachingAssignmen tRole	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTeachingCredential Basis	RefTeachingCredentialBas isId	int	No	Surrogate Key
RefTeachingCredential Basis	Type	nvarchar(100)	No	An indication of the pre-determined criteria for granting the teaching credential that a person holds. [CEDS Element: Teaching Credential Basis, ID:000277]
RefTeachingCredential Basis	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTeachingCredential Basis	Description	nvarchar(4000)	Yes	NULL

RefTeachingCredential Basis	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTeachingCredential Type	RefTeachingCredentialTypeId	int	No	Surrogate Key
RefTeachingCredential Type	Type	nvarchar(100)	No	An indication of the category of a legal document giving authorization to perform teaching assignment services. [CEDs Element: Teaching Credential Type, ID:000278]
RefTeachingCredential Type	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTeachingCredential Type	Description	nvarchar(4000)	Yes	NULL
RefTeachingCredential Type	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTechnologyLiteracy Status	RefTechnologyLiteracyStatusId	int	No	Surrogate Key
RefTechnologyLiteracy Status	Type	nvarchar(100)	No	An indication of the technology literacy of 8th graders. [CEDs Element: Technology Literacy Status in 8th Grade, ID:000566]
RefTechnologyLiteracy Status	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTechnologyLiteracy Status	Description	nvarchar(4000)	Yes	NULL
RefTechnologyLiteracy Status	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTelephoneNumber Type	RefTelephoneNumberTypeId	int	No	Surrogate Key
RefTelephoneNumber Type	Type	nvarchar(100)	No	The type of communication number listed for a person. [CEDs Element: Telephone Number Type, ID:000280]
RefTelephoneNumber Type	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTelephoneNumber Type	Description	nvarchar(4000)	Yes	NULL
RefTelephoneNumber Type	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTenureSystem	RefTenureSystem	int	No	Surrogate Key
RefTenureSystem	Type	nvarchar(100)	No	An indicator of whether an institution has personnel positions that lead to consideration for tenure. [CEDs Element: Tenure System, ID:000738]
RefTenureSystem	Code	nvarchar(50)	Yes	A code or abbreviation for the type.

RefTenureSystem	Description	nvarchar(4000)	Yes	NULL
RefTenureSystem	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTextComplexitySystem	RefTextComplexitySystemId	int	No	Surrogate Key
RefTextComplexitySystem	Type	nvarchar(100)	No	The scaling system used to specify the text complexity of an assessment item. [CEDS Element: Assessment Item Text Complexity System, ID:000907]
RefTextComplexitySystem	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTextComplexitySystem	Description	nvarchar(4000)	Yes	NULL
RefTextComplexitySystem	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTimeForCompletionUnits	RefTimeForCompletionUnitsId	int	No	Surrogate Key
RefTimeForCompletionUnits	Type	nvarchar(100)	No	The unit of measurement for length of time for completion. [CEDS Element: Normal Length of Time for Completion Units, ID:000198]
RefTimeForCompletionUnits	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTimeForCompletionUnits	Description	nvarchar(4000)	Yes	NULL
RefTimeForCompletionUnits	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTitleIIIAccountability	RefTitleIIIAccountabilityId	int	No	Surrogate Key
RefTitleIIIAccountability	Type	nvarchar(100)	No	An indication of the progress made by a student toward English proficiency. [CEDS Element: Title III Accountability Progress Status, ID:000536]
RefTitleIIIAccountability	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTitleIIIAccountability	Description	nvarchar(4000)	Yes	NULL
RefTitleIIIAccountability	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTitleIIILanguageInstructionProgramType	RefTitleIIILanguageInstructionProgramTypeId	int	No	Surrogate Key
RefTitleIIILanguageInstructionProgramType	Type	nvarchar(100)	No	The type of Title III language instructional programs. [CEDS Element: Title III Language Instruction Program Type, ID:000447]

RefTitleIIILanguageInstructionProgramType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTitleIIILanguageInstructionProgramType	Description	nvarchar(4000)	Yes	NULL
RefTitleIIILanguageInstructionProgramType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTitleIIIProfessionalDevelopmentType	RefTitleIIIProfessionalDevelopmentType	int	No	Surrogate Key
RefTitleIIIProfessionalDevelopmentType	Type	nvarchar(100)	No	The type of Title III professional development utilized. [CEDS Element: Title III Professional Development Type, ID:000487]
RefTitleIIIProfessionalDevelopmentType	Code	nvarchar(50)	Yes	An abbreviated code for the type.
RefTitleIIIProfessionalDevelopmentType	Description	nvarchar(4000)	Yes	NULL
RefTitleIIIProfessionalDevelopmentType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTitleIndicator	RefTitleIndicatorId	int	No	Surrogate Key
RefTitleIndicator	Type	nvarchar(100)	No	An indication that the student is participating in and served by programs under Title I, Part A of ESEA as amended. [CEDS Element: Title I Indicator, ID:000281]
RefTitleIndicator	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTitleIndicator	Description	nvarchar(4000)	Yes	NULL
RefTitleIndicator	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTitleInstructionalServices	RefTitleInstructionalServicesId	int	No	Surrogate Key
RefTitleInstructionalServices	Type	nvarchar(100)	No	The type of instructional services provided to students in ESEA Title I programs. [CEDS Element: Title I Instructional Services, ID:000282]
RefTitleInstructionalServices	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTitleInstructionalServices	Description	nvarchar(4000)	Yes	NULL
RefTitleInstructionalServices	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.

RefTitleProgramStaffCategory	RefTitleProgramStaffCategoryId	int	No	Surrogate Key
RefTitleProgramStaffCategory	Type	nvarchar(100)	No	Titles of employment, official status, or rank for staff working in a Title I program. [CEDS Element: Title I Program Staff Category, ID:000283]
RefTitleProgramStaffCategory	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTitleProgramStaffCategory	Description	nvarchar(4000)	Yes	NULL
RefTitleProgramStaffCategory	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTitleProgramType	RefTitleProgramTypeId	int	No	Surrogate Key
RefTitleProgramType	Type	nvarchar(100)	No	The type of Title I program offered in the school or district. [CEDS Element: Title I Program Type, ID:000284]
RefTitleProgramType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTitleProgramType	Description	nvarchar(4000)	Yes	NULL
RefTitleProgramType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTitleSchoolStatus	RefTitle1SchoolStatusId	int	No	Surrogate Key
RefTitleSchoolStatus	Type	nvarchar(100)	No	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. [CEDS Element: Title I School Status, ID:000285]
RefTitleSchoolStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTitleSchoolStatus	Description	nvarchar(400)	Yes	NULL
RefTitleSchoolStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTransferReady	RefTransferReadyId	int	No	Surrogate Key
RefTransferReady	Type	nvarchar(100)	No	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. [CEDS Element: Transfer-ready, ID:000296]
RefTransferReady	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTransferReady	Description	nvarchar(4000)	Yes	NULL
RefTransferReady	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTuitionResidencyType	RefTuitionResidencyTypeId	int	No	Surrogate Key
RefTuitionResidencyType	Type	nvarchar(100)	No	A person's residency status for tuition purposes. [CEDS Element: Tuition Residency Type,

pe				ID:000297]
RefTuitionResidencyType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTuitionResidencyType	Description	nvarchar(4000)	Yes	NULL
RefTuitionResidencyType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefTuitionUnit	RefTuitionUnitId	int	No	Surrogate Key
RefTuitionUnit	Type	nvarchar(100)	No	The component for which tuition is being charged. It might be a time period (term, quarter, year, etc.) or it might be an entity of education (course, credit hour, etc.). [CEDS Element: Tuition Unit, ID:000746]
RefTuitionUnit	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefTuitionUnit	Description	nvarchar(4000)	Yes	NULL
RefTuitionUnit	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefUSCitizenshipStatus	RefUSCitizenshipStatusId	int	No	Surrogate Key
RefUSCitizenshipStatus	Type	nvarchar(100)	No	An indicator of whether or not the person is a US citizen. [CEDS Element: United States Citizenship Status, ID:000299]
RefUSCitizenshipStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefUSCitizenshipStatus	Description	nvarchar(4000)	Yes	NULL
RefUSCitizenshipStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefVisaType	RefVisaTypeId	int	No	Surrogate Key
RefVisaType	Type	nvarchar(100)	No	The types of Visas for a non-US citizen. [CEDS Element: Visa Type, ID:000196]
RefVisaType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefVisaType	Description	nvarchar(4000)	Yes	NULL
RefVisaType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefVisionScreeningStatus	RefVisionScreeningStatusId	int	No	Surrogate Key
RefVisionScreeningStatus	Type	nvarchar(100)	No	Status of an examination used to measure a person's ability to see. [CEDS Element: Vision Screening Status, ID:000308]
RefVisionScreeningStatus	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefVisionScreeningStatus	Description	nvarchar(4000)	Yes	NULL

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RefVisionScreeningStatus	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.	
RefWageCollectionMethod	RefWageCollectionMethodId	int	No	Surrogate Key	
RefWageCollectionMethod	Type	nvarchar(100)	No	Method used for the collection of wage data for an employment record. [CEDDS Element: Wage Collection Code, ID:000798]	
RefWageCollectionMethod	Code	nvarchar(50)	Yes	A code or abbreviation for the type.	
RefWageCollectionMethod	Description	nvarchar(4000)	Yes	NULL	
RefWageCollectionMethod	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.	
RefWageVerification	RefWageVerificationId	int	No	Surrogate Key	
RefWageVerification	Type	nvarchar(100)	No	An indication of whether the wage information has been verified. [CEDDS Element: Wage Verification Code, ID:000819]	
RefWageVerification	Code	nvarchar(50)	Yes	A code or abbreviation for the type.	
RefWageVerification	Description	nvarchar(4000)	Yes	NULL	
RefWageVerification	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.	
RefWeaponType	RefWeaponTypeId	int	No	Surrogate Key	
RefWeaponType	Type	nvarchar(100)	No	Identifies the type of weapon used during an incident. [CEDDS Element: Weapon Type, ID:001211]	
RefWeaponType	Code	nvarchar(50)	Yes	A code or abbreviation for the type.	
RefWeaponType	Description	nvarchar(4000)	Yes	NULL	
RefWeaponType	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.	
RefWfProgramParticipationAfterExit	RefWfProgramParticipationAfterExitId	int	No	Surrogate Key	
RefWfProgramParticipationAfterExit	Type	nvarchar(100)	No	The type of workforce and employment development program that an individual is participating in after exiting an education program. [CEDDS Element: Workforce Program Participation After Exit, ID:000997]	
RefWfProgramParticipationAfterExit	Code	nvarchar(50)	Yes	A code or abbreviation for the type.	

RefWfProgramParticipationAfterExit	Description	nvarchar(4000)	Yes	NULL
RefWfProgramParticipationAfterExit	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RefWfProgramParticipationWhileEnrolled	RefWfProgramParticipationWhileEnrolledId	int	No	Surrogate Key
RefWfProgramParticipationWhileEnrolled	Type	nvarchar(100)	No	The type of workforce and employment development program that an individual is participating in while enrolled in an education program. [CEDS Element: Workforce Program Participation While Enrolled in an Education Program, ID:000996]
RefWfProgramParticipationWhileEnrolled	Code	nvarchar(50)	Yes	A code or abbreviation for the type.
RefWfProgramParticipationWhileEnrolled	Description	nvarchar(4000)	Yes	NULL
RefWfProgramParticipationWhileEnrolled	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RequiredImmunization	RequiredImmunizationId	int	No	Surrogate key.
RequiredImmunization	OrganizationId	int	No	Foreign key - Organization
RequiredImmunization	RefImmunizationTypeId	int	No	Surrogate key from RefImmunization. An indication that an immunization is specifically required by an organization or governing body. [CEDS Element: Required Immunization, ID:000307] (Foreign key - RefImmunization)
Role	RoleId	int	No	Surrogate Key
Role	Role	nvarchar(50)	Yes	The name of the role, e.g. Student, Staff, Employee
Role	RefJurisdictionId	int	Yes	Surrogate key from Organization identifying the publisher of the reference value.
RoleAttendance	RoleAttendanceId	int	No	Surrogate Key
RoleAttendance	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole
RoleAttendance	NumberOfDaysInAttendance	decimal(9,2)	Yes	The number of days a person is present when school or program is in session during a given reporting period. [CEDS Element: Number of Days in Attendance, ID:000202]
RoleAttendance	NumberOfDaysAbsent	decimal(9,2)	Yes	The number of days a person is absent when school or program is in session during a given reporting period. [CEDS Element: Number of Days Absent, ID:000201]

RoleAttendance	AttendanceRate	decimal(5,4)	Yes	The number days a person is in attendance divided by the total number of days the school/program was in session. [CEDS Element: Student Attendance Rate, ID:000271]
RoleAttendanceEvent	RoleAttendanceEventId	int	No	Surrogate Key
RoleAttendanceEvent	OrganizationPersonRoleId	int	No	Foreign key - OrganizationPersonRole.
RoleAttendanceEvent	Date	date	No	Date of the event.
RoleAttendanceEvent	RefAttendanceEventTypeId	int	Yes	The type of attendance event. [CEDS Element: Attendance Event Type, ID:000601]
RoleAttendanceEvent	RefDailyAttendanceStatusId	int	Yes	The status of a student's attendance during a given day while school is in session. [CEDS Element: Daily Attendance Status, ID:000076]
RoleAttendanceEvent	RefAbsentAttendanceCategoryId	int	Yes	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. [CEDS Element: Absent Attendance Category, ID:000599]
RoleAttendanceEvent	RefPresentAttendanceCategoryId	int	Yes	The category that describes how the student spends his or her time when attending an instructional program approved by the state and/or school. [CEDS Element: Present Attendance Category, ID:000600]
RoleAttendanceEvent	RefLeaveEventTypeId	int	Yes	The type of the leave event. [CEDS Element: Leave Event Type, ID:000624]
RoleStatus	RoleStatusId	int	No	Surrogate Key
RoleStatus	StatusStartDate	date	No	The date that a status became applicable to an individual. [CEDS Elements: Enrollment Status Start Date (000974), Status Start Date, ID:001227]
RoleStatus	StatusEndDate	datetime	Yes	The last date when a status applied to an individual. [CEDS Elements: Enrollment Status End Date (000975), Status End Date, ID:001228]
RoleStatus	RefRoleStatusId	int	Yes	The status for the person's association to the role. [CEDS Elements: Class Section Enrollment Status Type (000976), Employment Status (000347), Enrollment Status (000094), Postsecondary Enrollment Status (000096), Teacher Preparation Program Enrollment Status (000767)]
RoleStatus	OrganizationPersonRoleId	int	No	Foreign key - OrganizationPersonRole.
ServicesReceived	ServicesReceivedId	int	No	Surrogate Key
ServicesReceived	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole
ServicesReceived	RefServicesId	int	No	A service provided to a person in any of the P-20, adult education and workforce domains. [CEDS Elements: Early Intervention or Special Education Services Received (ID 000321)] (Foreign key - RefServices)

ServicesReceived	RefServicesSettingId	int	Yes	The setting in which a person receives services. [CEDS Elements: Early Intervention or Special Education Services Setting (ID:000322)] (Foreign key - RefServiceSetting)
ServicesReceived	FullTimeEquivalency	decimal(3,2)	Yes	Calculated ratio of time the person is in a services setting. Values range from 0.00 to 1.00. If the person is in a education setting 25% of the time, the value is .25; if 100% of the time, the value is 1.00. [CEDS Elements: Special Education Full Time Equivalency (ID 001242)]
StaffCredential	PersonCredentialId	int	No	Surrogate Key
StaffCredential	RefTeachingCredentialTypeId	int	Yes	An indication of the category of a legal document giving authorization to perform teaching assignment services. [CEDS Element: Teaching Credential Type, ID:000278] (Foreign key - RefTeachingCredentialType)
StaffCredential	RefTeachingCredentialBasisId	int	Yes	An indication of the pre-determined criteria for granting the teaching credential that a person holds. [CEDS Element: Teaching Credential Basis, ID:000277] (Foreign key - RefTeachingCredentialBasis)
StaffCredential	RefChildDevAssociateTypeId	int	Yes	Type of Child Development Associate credential as defined by options. [CEDS Element: Child Development Associate Type, ID:000806]
StaffCredential	RefParaprofessionalQualificationId	int	Yes	An indication of whether paraprofessionals are classified as qualified for their assignment according to state definition. [CEDS Element: Paraprofessional Qualification Status, ID:000207] (Foreign key - RefParaprofessionalQualification)
StaffCredential	TechnologySkillsStandardsMet	bit	Yes	An indication that the person has achieved acceptable performance on a standards-based profile of technology user skills as defined by the state. [CEDS Element: Technology Skills Standards Met, ID:000546]
StaffCredential	DiplomaOrCredentialAwardDate	nvarchar(7)	Yes	The month and year on which the diploma/credential is awarded to a student in recognition of his/her completion of the curricular requirements. [CEDS Element: Diploma or Credential Award Date, ID:000081]
StaffCredential	RefProgramSponsorType	int	Yes	An indication of the type of organization or institution responsible for sponsoring a person seeking alternative credentialing from a state agency. [CEDS Element: Program Sponsor Type, ID:000716] (Foreign key - RefProgramSponsorType)
StaffEmployment	StaffEmploymentId	int	No	Surrogate key.
StaffEmployment	OrganizationPersonRoleId	int	No	Foreign key - OrganizationPersonRole.
StaffEmployment	HireDate	date	Yes	The date on which a person was hired for a position, or consecutive positions within the same organization and job classification. [CEDS Element: Hire Date, ID:000143]
StaffEmployment	PositionTitle	nvarchar(45)	Yes	The descriptive name of a person's position. [CEDS Element: Position Title, ID:000213]
StaffEmployment	RefEmploymentSeparationTypeId	int	Yes	A designation of the type of separation occurring between a person and the organization. [CEDS Element: Employment Separation Type, ID:000621] (Foreign key - RefEmploymentSeparationType)

StaffEmployment	RefEmploymentSeparationReasonId	int	Yes	The primary reason for the termination of the employment relationship. [CEDS Element: Employment Separation Reason, ID:000620] (Foreign key - RefEmploymentSeparationReason)
StaffEvaluation	StaffEvaluationId	int	No	Surrogate Key
StaffEvaluation	OrganizationPersonRoleId	int	No	Surrogate key from OrganizationPersonRole
StaffEvaluation	System	nvarchar(60)	Yes	The instrument and/or set of procedures with which a person's performance is assessed. [CEDS Element: Staff Evaluation System, ID:000105]
StaffEvaluation	Scale	nvarchar(80)	Yes	The quantitative or qualitative range of possible scores/rating for a person's performance (e.g., 0 - 10; Poor, Fair, Average, Good, Excellent). [CEDS Element: Staff Evaluation Scale, ID:000103]
StaffEvaluation	ScoreOrRating	nvarchar(60)	Yes	The actual quantitative or qualitative assessment of a person's performance. [CEDS Element: Staff Evaluation Score or Rating, ID:000104]
StaffEvaluation	Outcome	nvarchar(80)	Yes	The result of an assessment of a person's performance. [CEDS Element: Staff Evaluation Outcome, ID:000102]
StaffEvaluation	StaffPerformanceLevelId	int	Yes	The levels used in district evaluation systems for assigning teacher or principal performance ratings. [CEDS Element: Faculty and Administration Performance Level, ID:000589]
StaffExperience	PersonId	int	No	Surrogate key from Person.
StaffExperience	YearsOfPriorTeachingExperience	decimal(9,2)	Yes	The total number of years that a person has previously held a teaching position in one or more education institutions. [CEDS Element: Years of Prior Teaching Experience, ID:000302]
StaffExperience	YearsOfPriorAETeachingExperience	decimal(9,2)	Yes	The total number of years that a person has previously held a teaching position in one or more adult education programs. [CEDS Element: Years of Prior Adult Education Teaching Experience, ID:000788]
TeacherEducationCredentialExam	TeacherEducationCredentialExamId	int	No	Surrogate Key
TeacherEducationCredentialExam	OrganizationPersonRoleId	int	Yes	Foreign key - OrganizationPersonRole
TeacherEducationCredentialExam	RefTeacherEducationCredentialExamId	int	Yes	The type of examination used to assess teacher candidate's knowledge and skills. [CEDS Element: Teacher Education Credential Exam Type, ID:000773] (Foreign key - RefTeacherEduCredentialExam)
TeacherEducationCredentialExam	RefTeacherEducationExamScoreTypeId	int	Yes	An indication of the type of credential exam associated with a given exam score. [CEDS Element: Teacher Education Credential Exam Score Type, ID:000774] (Foreign key - RefTeacherEduExamScoreType)
TeacherEducationCredentialExam	RefTeacherEducationTestCompanyId	int	Yes	The name of the company that provides the examination used in the teacher education program. [CEDS Element: Teacher Education Test Company, ID:000766]

TeacherStudentDataLinkExclusion	TeacherStudentDataLinkExclusionId	int	No	Surrogate Key
TeacherStudentDataLinkExclusion	StudentOrganizationPersonRoleId	int	No	Foreign key - K12StudentClassSection. Identifies the Student enrolled in a Class/Section.
TeacherStudentDataLinkExclusion	TeacherOrganizationPersonRoleId	int	No	Foreign key - K12StaffAssignment. Identifies the staff member assigned to a class/section.
WorkforceEmploymentQuarterlyData	OrganizationPersonRoleId	int	No	Surrogate Key
WorkforceEmploymentQuarterlyData	RefEmployedWhileEnrolledId	int	Yes	An individual who is a paid employee or works in his or her own business, profession, or farm and at the same time is enrolled in secondary, postsecondary, or adult education. [CEDS Element: Employed While Enrolled, ID:000987]
WorkforceEmploymentQuarterlyData	RefEmployedAfterExitId	int	Yes	An individual who is a paid employee or works in his or her own business, profession, or farm after exiting secondary, postsecondary, or adult education. [CEDS Element: Employed After Exit, ID:000988]
WorkforceEmploymentQuarterlyData	PersonEmployedInMultipleJobs	decimal(2,0)	Yes	The number of jobs held by a person. [CEDS Element: Person Employed in Multiple Jobs, ID:000991]
WorkforceProgramParticipation	OrganizationPersonRoleId	int	No	Surrogate Key
WorkforceProgramParticipation	RefWfProgramParticipationWhileEnrolledId	int	Yes	The type of workforce and employment development program that an individual is participating in while enrolled in an education program. [CEDS Element: Workforce Program Participation While Enrolled in an Education Program, ID:000996]
WorkforceProgramParticipation	RefWfProgramParticipationAfterExitId	int	Yes	The type of workforce and employment development program that an individual is participating in after exiting an education program. [CEDS Element: Workforce Program Participation After Exit, ID:000997]
WorkforceProgramParticipation	RefProfessionalTechnicalCredentialTypeId	int	Yes	An indicator of the category of credential conferred by a state occupational licensing entity or industry organization for competency in a specific area measured by a set of pre-established standards. [CEDS Element: Professional or Technical Credential Conferred, ID:000783]
WorkforceProgramParticipation	DiplomaOrCredentialAwardDate	nchar(7)	Yes	The month and year on which the diploma/credential is awarded to a student in recognition of his/her completion of the curricular requirements. [CEDS Element: Diploma or Credential Award Date, ID:000081]