**SMARTERAPP INTERFACE SPECIFICATION**

**for**

**ADMINISTRATION AND REGISTRATION TOOL UPLOAD FILE FORMATS**

Authored by

American Institutes for Research

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Revision History

|  |  |  |
| --- | --- | --- |
| Revision Description | Author/Modifier | Date |
| 0.1 - Initial Release (DRAFT) | Rami Levy | May 30, 2014 |
| 0.2 - Updates following feedback from Mike Powell. Changed Test Registration references to Administration and Registration Tool. Updated Figure 1 to latest version. Fixed inconsistencies in Table 11 and Table 17. Added Display Name column in Table 16. | Rami Levy | June 25, 2014 |
| 0.3 - Changed size of Role field to 45 in Table 15. Removed ResponsibleDistrictIdentifier from Eligibility file upload in Table 23.  Changed LastOrSurname, FirstName to *Required* in Table 25.  All identifiers changed to support up to 40 characters in length (per Brandt).  Added CEDS reference to ParentExternalID in all tables that contain it. | Rami Levy | July 17, 2014 |
| 0.4 - Change format type for each upload file to fully support RFC-4180 (CSV). | Rami Levy | August 3, 2014 |
| 0.5 - Add two new accommodation codes as requested by Smarter Balanced: NEDS\_TransDirs, NEA\_NoiseBuf | Rami Levy | August 8, 2014 |
| 0.6 - Add support for multi-selection of NEDS and NEA. Color Contrast becomes Color Choices. Additional Print-on-Demand codes added. Print Size becomes Zoom. Streamlined Interface codes changed. "Filipino" changed to "Filipino (Ilokano and Tagalog)”. Moved "Noise buffers: NEA\_NoiseBuf" from NEA to NEDS. Changed translation labels and codes for dual translation glossary codes. Changed max size of Other accommodation field to 90 from 300. | Rami Levy | May 15, 2015 |
| 0.7 – Update for Task Order 15, Requirement 3.9 changes related to new formats implemented for better compatibility. | Rami Levy | Mar 15, 2016 |
|  |  |  |

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# Purpose

The purpose of this document is to provide a format specification describing the Administration and Registration Tool upload file formats.

In addition, the XSD and a sample XML file are included for reference.

This specification represents the combined work of Smarter Balanced and various vendors working on related contracts.

# References

|  |  |  |  |
| --- | --- | --- | --- |
| Ref | Reference | Author | Version |
| 1 | Common Education Data Standards (CEDS) specification (https://ceds.ed.gov/elements.aspx) | ceds.ed.gov | 4.0 |
| 2 | Smarter Balanced System Architecture and Technology Report  (http://www.smarterapp.org/architecture.html) | Smarter Balanced | 11-Jul-2014 |
| 3 | USPS: Official USPS Abbreviations (https://www.usps.com/send/official-abbreviations.htm) | USPS.com | 2014 |
| 4 | NCES - National Center for Education Statistics (http://nces.ed.gov) | nces.ed.gov | 2012 |
| 5 | IETF - Internet Engineering Task Force (IETF RFC 5322) (https://tools.ietf.org/html/rfc5322) | ietf.org | 2008 |

# Administration and Registration Tool Data Flow Overview

This component registers the student(s) for assessments and interacts with the Student Information System (SIS) to gather the student information and the accessibility profile, used by the Test Administration component. It must also manage staff identification for managing the assessment event.

The data upload interfaces include files for: students, users, student groups, institutions, groups of institutions, districts, groups of districts, states, groups of states, accommodations, and eligibility. Administration and Registration Tool imports these files (originating from the State Information Systems (SIS)) via User-Interface (UI) -based file upload mechanism.

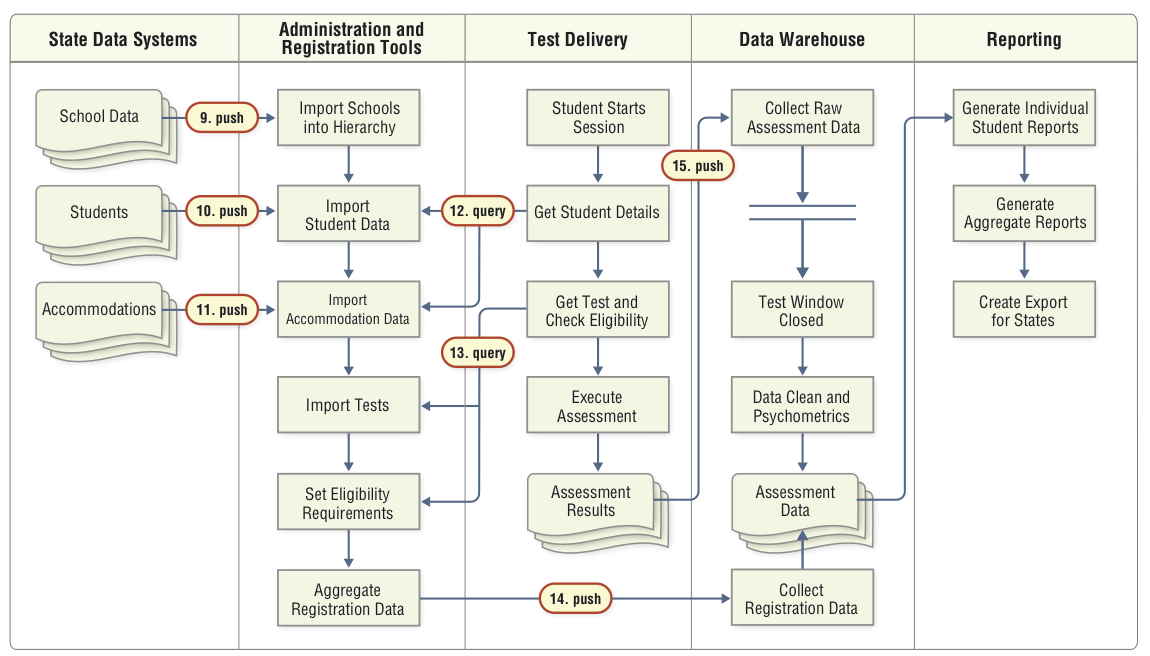


Figure : Architecture Report [2] Figure 8.1.2 Item Bank to Test Delivery

The Administration and Registration Tool system is shown in the second swim lane from the left, in Figure 1. Table 1 summarizes the elements in Figure 1 that are relevant to this document.

| Diagram Element | Description |
| --- | --- |
| SIS | State Information System |
| APIP | Accessibility Portable Item Protocol - an IMS Global interoperability standard for student accessibility profiles. The APIP Standard provides assessment programs and question item developers a data model for standardizing the file format of digital test items. |
| Test Delivery | Test Delivery is responsible for the real time, interactive portion of a student assessment. Test Delivery holds a student’s assessment result for a test opportunity until that opportunity has been completed. |
| Data Warehouse | The Data Warehouse is being developed for Smarter Balanced under Contract 15. The Test Integration component will deliver fully scale scored XML documents to the Data Warehouse that represents a complete test opportunity for a student. |

Table : Component Definitions

## Administration and Registration Tool Data Format Upload Files

| Upload File | Description |
| --- | --- |
| GroupOfStates | Describes a globally unique grouping of state entities. Parented by a single top-level client. |
| State | State level entity information. |
| GroupOfDistricts | Describes a unique (within a state) grouping of district entities. |
| District | District level entity information. |
| GroupOfInstitutions | Describes a unique (within a state) grouping of institutions (e.g. schools). |
| Institution | Institution (school) level entity information. |
| User | User information file (non-student). |
| Accommodations | A set of assessment accommodations for a particular student and a particular subject. |
| StudentGroup | Describes a particular grouping of students in a particular school in a particular state. |
| Eligibility | Details a student's (explicit) eligibility for a particular test and version. |
| Student | Contains a student's information and demographics. |

## Administration and Registration Tool Data Format Conventions

Administration and Registration Tool accepts files in a variety of formats including CSV, XLS, XLSX, and TAB-delimited, and provides templates for each of the files for download from the UI. Following are the descriptions of each file upload and its fields.

# Administration and Registration Tool Upload File Format Specification

## Group Of States File Format

|  |  |
| --- | --- |
| Format Characteristic | Value |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |

Table : Group Of States Format Definition

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Field Name | Display Name | Reference | Width | Required | Data Element Description | Data Type | Acceptable Values | Definitions | Example |
| GroupOfStatesIdentifier | Group Of States Identifier | N/A | 40 | Y | This is the unique identifier for Group of States | Alphanum  xsd:token | One or more ASCII characters |  | 321 |
| GroupOfStatesName | Group Of States Name | N/A | 50 | Y | Full Group of States name | Alphanumeric/special  xsd:token | One or more ASCII characters |  | Cascadia |
| ParentEntityType | Parent Entity Type | N/A | 20 | Y | Position of the parent element in the hierarchy | enum  xsd:token | CLIENT |  | CLIENT |
| ParentExternalId | ParentEntity Id | [CEDS ID 826](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5825)  K12->Organization | 40 | Y | A unique number or alphanumeric code assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters | Based on CEDS *OrganizationIdentifier* but name changed for clarity of purpose. | 18 |
| ParentEntityName | N/A | N/A | 50 | N | A name assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanumeric/special  xsd:token | One or more ASCII characters |  | Smarter |
| Delete | Action | N/A | 6 | N | Delete this record iff value = DELETE | Alpha  xsd:token | Yes <blank> or other value | DELETE: Delete record Any other value or <blank>: add/update as necessary | DELETE |

Table : Administration and Registration Tool GroupOfStates Field Description

## State File Format

|  |  |
| --- | --- |
| Format Characteristic | Value |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |
| Index (key) | StateAbbreviation |

Table : State Format Definition

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Field Name | Display Name | Reference | Width | Required | Data Element Description | Type | Acceptable Values | Definitions | Example |
| StateAbbreviation | State Abbreviation | [CEDS ID 267](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5267)  K12 -> SEA -> Address  [USPS](https://www.usps.com/send/official-abbreviations.htm) | 2 | Y | This is the unique two-character identifier for State | enum  xsd:token | Two-character US State identifier as defined by CEDS and extended as follows:  AA, AE, AP, TS, OT. | AA: Armed Forces Americas  AE: Armed Forces Africa, Canada, Europe and Mideast  AP: Armed Forces Pacific  TS: Test State  OT: Other | CA |
| StateName | State Name | N/A | 50 | Y | Full state name | Alpha  xsd:token | One or more printable ASCII characters for State name, spaces and commas allowed. |  | California |
| ParentEntityType | Parent Entity Type | N/A | 20 | Y | Position of the parent element in the hierarchy | enum  xsd:token | CLIENT  GROUPOFSTATES |  | CLIENT |
| ParentExternalId | ParentEntity Id | [CEDS ID 826](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5825)  K12->Organization | 40 | Y | A unique number or alphanumeric code assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters | Based on CEDS *OrganizationIdentifier* but name changed for clarity of purpose. | 67817 |
| ParentEntityName | N/A | N/A | 50 | N | A name assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters |  | StateGroup |
| Delete | Action | N/A | 6 | N | Delete this record iff value = DELETE | Alpha  xsd:token | Yes <blank> or other value | DELETE: Delete record Any other value or <blank>: add/update as necessary | DELETE |

Table : Administration and Registration Tool State Field Description

## Group of Districts File Format

|  |  |
| --- | --- |
| Format Characteristic | Value |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |
| Index (key) | GroupOfDistrictsIdentifier + StateAbbreviation |

Table : Group Of Districts Format Definition

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Field Name | Display Name | Reference | Width | Required | Data Element Description | Type | Acceptable Values | Definitions | Example |
| GroupOfDistrictsIdentifier | Group Of Districts Identifier | N/A | 40 | Y | This is the unique identifier for Group of Districts | Alphanum  xsd:token | One or more printable ASCII characters |  | 321 |
| GroupOfDistrictsName | Group Of Districts Name | N/A | 100 | Y | Group of Districts name | Alphanumeric/special  xsd:token | One or more printable ASCII characters |  | Northern California |
| ParentEntityType | Parent Entity Type | N/A | 20 | Y | Position of the parent element in the hierarchy | enum  xsd:token | STATE, GROUPOFSTATES, or CLIENT |  | STATE |
| ParentExternalId | ParentEntity Id | [CEDS ID 826](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5825)  K12->Organization | 40 | Y | A unique number or alphanumeric code assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters | Based on CEDS *OrganizationIdentifier* but name changed for clarity of purpose. | 321 |
| StateAbbreviation | State Abbreviation | [CEDS ID 267](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5267)  K12 -> SEA -> Address  USPS | 2 | Y | This is the unique two-character identifier for State | enum  xsd:token | Two-character US State identifier as defined by CEDS and extended as follows:  AA, AE, AP, TS, OT. | AA: Armed Forces Americas  AE: Armed Forces Africa, Canada, Europe and Mideast  AP: Armed Forces Pacific  TS: Test State  OT: Other | CA |
| ParentEntityName | N/A | N/A | 50 | N | A name assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters |  | Virginia |
| Delete | Action | N/A | 6 | N | Delete this record iff value = DELETE | Alpha  xsd:token | Yes <blank> or other value | DELETE: Delete record Any other value or <blank>: add/update as necessary | DELETE |

Table : Group of Districts Field Description

## District File Format

|  |  |
| --- | --- |
| Format Characteristic | Value |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |
| Index (key) | LocalEducationAgencyIdentifier+StateAbbreviation |

Table : District Format Definition

| Field Name | Display Name | Reference | Width | Required | Data Element Description | Type | Acceptable Values | Definitions | Example |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| LocalEducationAgencyIdentifier | District ID | [CEDS ID 1068](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=6068)  K12 -> LEA -> Identification | 40 | Y | A unique number or alphanumeric code assigned to a local education agency by a school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more ASCII characters |  | 14 |
| OrganizationName | District Name | [CEDS ID 204](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5204)  K12 -> LEA -> Identification | 60 | Y | District Name | Alphanumeric/special  xsd:token | One or more ASCII characters |  | Oakland Unified |
| NCESLEAID | NCES LEA ID | [NCES](http://nces.ed.gov) ID | 40 | N | Unique nationwide district identifier | Numeric  xsd:integer | NCES ID - http://nces.ed.gov | National Center for Education Statistics Local Education Entity Identifier | 1200180 |
| ParentEntityType | Parent Entity Type | N/A | 20 | Y | Position of the parent element in the hierarchy | enum  xsd:token | GROUPOFDISTRICTS STATE GROUPOFSTATES CLIENT |  | STATE |
| ParentExternalId | ParentEntity Id | [CEDS ID 826](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5825)  K12->Organization | 40 | Y | A unique number or alphanumeric code assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters | Based on CEDS *OrganizationIdentifier* but name changed for clarity of purpose. | 7162 |
| StateAbbreviation | State Abbreviation | [CEDS ID 267](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5267)  K12 -> SEA -> Address  [USPS](https://www.usps.com/send/official-abbreviations.htm) | 2 | Y | This is the unique two-character identifier for State | enum  xsd:token | Two-character US State identifier as defined by CEDS and extended as follows:  AA, AE, AP, TS, OT. | AA: Armed Forces Americas  AE: Armed Forces Africa, Canada, Europe and Mideast  AP: Armed Forces Pacific  TS: Test State  OT: Other | CA |
| ParentEntityName | N/A | N/A | 100 | N | A name assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters |  | DistGroup1 |
| Delete | Action | N/A | 6 | N | Delete this record iff value = DELETE | Alpha  xsd:token | Yes <blank> or other value | DELETE: Delete record Any other value or <blank>: add/update as necessary | DELETE |

Table : District Field Description

## Group of Institutions File Format

|  |  |
| --- | --- |
| Format Characteristic | Value |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |
| Index (key) | GroupOfInstitutionsIdentifier + StateAbbreviation |

Table : GroupOfInstitutions Format Definition

| Field Name | Display Name | Reference | Width | Required | Data Element Description | Type | Acceptable Values | Definitions | Examples |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GroupOfInstitutionsIdentifier | Group Of Institutions Identifier | N/A | 40 | Y | This is the unique identifier for Group Of Institutions. | Alphanum  xsd:token | One or more printable ASCII characters |  | 42 |
| GroupOfInstitutionsName | Group Of Institutions Name | N/A | 60 | Y | Group of Institutions Name | Alphanumeric/special  xsd:token | One or more printable ASCII characters |  | LA County Schools |
| ParentEntityType | Parent Entity Type | N/A | 20 | Y | Position of the parent element in the hierarchy | enum  xsd:token | DISTRICT, GROUPOFDISTRICTS, STATE, GROUPOFSTATES, or CLIENT |  | STATE |
| ParentExternalId | ParentEntity Id | [CEDS ID 826](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5825)  K12->Organization | 40 | Y | A unique number or alphanumeric code assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters | Based on CEDS *OrganizationIdentifier* but name changed for clarity of purpose. | 6158191 |
| StateAbbreviation | State Abbreviation | [CEDS ID 267](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5267)  K12 -> SEA -> Address  [USPS](https://www.usps.com/send/official-abbreviations.htm) | 2 | Y | This is the unique two-character identifier for State | enum  xsd:token | Two-character US State identifier as defined by CEDS and extended as follows:  AA, AE, AP, TS, OT. | AA: Armed Forces Americas  AE: Armed Forces Africa, Canada, Europe and Mideast  AP: Armed Forces Pacific  TS: Test State  OT: Other | CA |
| ParentEntityName | N/A | N/A | 100 | N | A name assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters |  | District1 |
| Delete | Action | N/A | 6 | N | Delete this record iff value = DELETE | Alpha  xsd:token | Yes <blank> or other value | DELETE: Delete record Any other value or <blank>: add/update as necessary | DELETE |

Table : Group of Institutions Field Description

## Institution File Format

|  |  |
| --- | --- |
| Format Characteristic | Value |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |
| Index (key) | SchoolIdentifier + StateAbbreviation |

Table : Institution Format Definition

| Field Name | Display Name | Reference | Width | Required | Data Element Description | Type | Acceptable Values | Definitions | Examples |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SchoolIdentifier | School ID | [CEDS ID 1069](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5155) K12 -> K12 School -> Identification | 20 | Y | A unique number or alphanumeric code assigned to an institution by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters |  | 917862561 |
| NameOfInstitution | School Name | [CEDS ID 191](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5191) K12 -> K12 School -> Identification | 60 | Y | Institution Name | Alphanumeric/special  xsd:token | One or more printable ASCII characters |  | Lake Los Angeles Elementary |
| ParentEntityType | Parent Entity Type | N/A | 20 | Y | Position of the parent element in the hierarchy | enum  xsd:token | GROUPOFINSTITUTIONS DISTRICT GROUPOFDISTRICTS STATE GROUPOFSTATES CLIENT |  | STATE |
| NCESInstitutionId | NCES Institution Id | [NCES](http://nces.ed.gov) | 40 | Y | Unique nationwide identifier | Numeric  xsd:integer | NCES ID - http://nces.ed.gov |  |  |
| ParentExternalId | ParentEntity Id | [CEDS ID 826](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5825)  K12->Organization | 40 | Y | A unique number or alphanumeric code assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters | Based on CEDS *OrganizationIdentifier* but name changed for clarity of purpose. | 52619 |
| ParentEntityName | N/A | N/A | 100 | N | A name assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters |  | InstGroup |
| StateAbbreviation | State Abbreviation | [CEDS ID 267](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5267)  K12 -> SEA -> Address  [USPS](https://www.usps.com/send/official-abbreviations.htm) | 2 | Y | This is the unique two-character identifier for State | enum  xsd:token | Two-character US State identifier as defined by CEDS and extended as follows: AA, AE, AP, TS, OT. | AA: Armed Forces Americas AE: Armed Forces Africa, Canada, Europe and Mideast AP: Armed Forces Pacific TS: Test State OT: Other | CA |
| Delete | Action | N/A | 6 | N | Delete this record iff value = DELETE | Alpha  xsd:token | Yes <blank> or other value | DELETE: Delete record Any other value or <blank>: add/update as necessary | DELETE |

Table : Institution Field Definition

## User File Format

|  |  |
| --- | --- |
| Format Characteristic | Value |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |
| Index (key) | ElectronicMailAddress |

Table : User Format Definition

| Field Name | Display Name | Reference | Width | Required | Data Element Description | Type | Acceptable Values | Definitions | Examples |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| FirstName | First Name | [CEDS ID 115](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5115) K12 -> K12 Staff -> Identity -> Name | 35 | Y | First Name of the user | Alphanumeric/special  xsd:token | One or more printable ASCII characters |  | John |
| LastOrSurname | Last Name | [CEDS ID 172](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5172) K12 -> K12 Staff -> Identity -> Name | 35 | Y | Last Name of the user | Alphanumeric/special  xsd:token | One or more printable ASCII characters |  | Public |
| ElectronicMailAddress | Email | [CEDS ID 88](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5088) K12 -> K12 Staff -> Contact -> Email | 128 | Y | Email address of the user | Alphanumeric+@  xsd:token | Follow IETF RFC 5322 https://tools.ietf.org/html/rfc5322 | Unique identifier of the user. | jpublic@verygoodschool.org |
| TelephoneNumber | Phone | [CEDS ID 279](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5279) K12 -> K12 Staff -> Contact -> Telephone | 24 | N | The telephone number including the area code, and extension, if applicable. | Numeric+dash  xsd:string | XXX-XXX-XXXX xNNNNNN |  | 305-867-9309 |
| Role | Role | N/A | 45 | Y | Role assigned to the user. | Alpha  xsd:token | Spaces allowed | Full user role name | Test Administrator |
| AssociatedEntityID | Responsible Entity ID | N/A | 40 | Y | The identifier of the associated entity | Alphanum  xsd:token | One or more printable ASCII characters |  | 187261 |
| AssociatedEntityName | N/A | N/A | 100 | N | A name assigned to an organization by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters |  | School1 |
| Level | Responsible Entity Type | N/A | 50 | Y | Hierarchy level of the entity associated with this user and role | enum  xsd:token | CLIENT GROUPOFSTATES STATE GROUPOFDISTRICTS DISTRICT GROUPOFINSTITUTIONS INSTITUTION |  | INSTITUTION |
| StateAbbreviation | State Abbreviation | [CEDS ID 267](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5267) K12 -> SEA -> Address [USPS](https://www.usps.com/send/official-abbreviations.htm) | 2 | Y | This is the unique two-character identifier for State | enum  xsd:token | Two-character US State identifier as defined by CEDS and extended as follows: AA, AE, AP, TS, OT. | AA: Armed Forces Americas AE: Armed Forces Africa, Canada, Europe and Mideast AP: Armed Forces Pacific TS: Test State OT: Other | CA |
| Delete | Action | N/A | 6 | N | Delete this record iff value = DELETE | Alpha  xsd:token | Yes <blank> or other value | DELETE: Delete record Any other value or <blank>: add/update as necessary | DELETE |

Table : User Field Definitions

## Accommodations File Format (LEGACY)

|  |  |
| --- | --- |
| Format Characteristic | Value |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |
| Index (key) | StudentIdentifier + StateAbbreviation + Subject |

Table : Accommodations Format Definition

| Field Name | Display name | Reference | Width | Required | Data Element Description | Type | Acceptable Values | Definitions | Examples |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| StudentIdentifier | Student Identifier | [CEDS ID 1071](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5157) K12->K12 Student->Identity->Identification | 40 | Y | State assigned student Identifier which is unique within that state. Every student should have a unique SSID within their state. | Alphanum  xsd:token | One or more printable ASCII characters | FT changed this to SSID | 71761937 |
| StateAbbreviation | State Abbreviation | [CEDS ID 267](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5267) K12 -> SEA -> Address [USPS](https://www.usps.com/send/official-abbreviations.htm) | 2 | Y | This is the unique two-character identifier for State | enum  xsd:token | Two-character US State identifier as defined by CEDS and extended as follows: AA, AE, AP, TS, OT. | AA: Armed Forces Americas AE: Armed Forces Africa, Canada, Europe and Mideast AP: Armed Forces Pacific TS: Test State OT: Other | CA |
| Subject | Subject | N/A | 20 | Y | The subject for which the accommodations apply | Alphanum  xsd:token | One or more printable ASCII characters |  | ELA |
| AmericanSignLanguage | American Sign Language | N/A | 10 | N | Allows students to view test content translated into ASL by a human signer. | enum  xsd:token | TDS\_ASL0 TDS\_ASL1 | Do not show ASL videos: TDS\_ASL0 Show ASL videos: TDS\_ASL1 | TDS\_ASL1 |
| ColorChoices | Color Choices | N/A | 40 | N | By default, tests are presented with black text on a white background. Students who require a different combination of text and background should be assigned the appropriate setting. | enum  xsd:token | TDS\_CC0 TDS\_CCInvert TDS\_CCMagenta TDS\_CCMedGrayLtGray TDS\_CCYellowB | Black on White: TDS\_CC0 Reverse Contrast: TDS\_CCInvert Black on Rose: TDS\_CCMagenta Medium Gray on Light Gray: TDS\_CCMedGrayLtGray Yellow on Blue: TDS\_CCYellowB | TDS\_CC0 |
| ClosedCaptioning | Closed Captioning | N/A | 20 | N | The Closed Captioning accommodation will not be available for the Field Test; however, for students who would typically have received this accommodation, the Closed Captioning setting can still be selected in TIDE. For the Field Test only, selecting this setting will suppress the Listening portion of the ELA test. | enum  xsd:token | TDS\_ClosedCap0 TDS\_ClosedCap1 | Closed Captioning Not Available: TDS\_ClosedCap0 Closed Captioning Available: TDS\_ClosedCap1 | TDS\_ClosedCap0 |
| Language | Language | N/A | 20 | N | All tests are presented in English. Students who qualify for a Spanish language translation will view items in both English and Spanish (stacked format). Students who require tests in braille should have the braille option selected. | enum  xsd:token | ENU ENU-Braille ESN | English: ENU Braille: ENU-Braille Spanish (Stacked Translation): ESN (Math only) | ENU |
| Masking | Masking | N/A | 15 | N | Allows blocking of content that is not of immediate need or that may be distracting to the student. | enum  xsd:token | TDS\_Masking0 TDS\_Masking1 | Masking Not Available: TDS\_Masking0 Masking Available: TDS\_Masking1 | TDS\_Masking0 |
| PermissiveMode | Permissive Mode | N/A | 10 | N | Permissive mode should be enabled for students who require access to accessibility software in order to interact with the test (e.g., screen readers, magnifiers, etc.). When permissive mode is disabled, the only application that can be open on the computer is the secure browser. | enum  xsd:token | TDS\_PM0 TDS\_PM1 | Permissive Mode Disabled: TDS\_PM0 Permissive Mode Enabled: TDS\_PM1 | TDS\_PM0 |
| PrintOnDemand | Print On Demand | N/A | 40 | N | Sets student's print on demand accommodation. Allows student to request printing of stimuli. | enum  xsd:token | TDS\_PoD0  TDS\_PoD\_Stim  TDS\_PoD\_Item  TDS\_PoD\_Stim&TDS\_PoD\_Item | None: TDS\_PoD0 Stimuli: TDS\_PoD\_Stim | TDS\_PoD0 |
| Zoom | Zoom | N/A | 10 | N | Sets student's print size accommodation. The print size the student should have when starting a test. The selected print size becomes the default for all items in that student’s test. \* The default print size for all tests is 14 pt. \* The default font for ELA tests is Times New Roman. \* The default font for mathematics tests is Verdana. | enum  xsd:token | TDS\_PS\_L0 TDS\_PS\_L1 TDS\_PS\_L2 TDS\_PS\_L3 TDS\_PS\_L4 | No default zoom applied: TDS\_PS\_L0 Level 1: TDS\_PS\_L1 Level 2: TDS\_PS\_L2 Level 3: TDS\_PS\_L3 Level 4: TDS\_PS\_L4 | TDS\_PS\_L0 |
| StreamlinedInterface | Streamlined Interface | N/A | 20 | N | By default, all tests use the standard interface. This interface is compatible with all supported desktops and tablets. The streamlined interface presents the test in an alternate, simplified format in which the items are displayed below the stimuli. All tool and navigation buttons are on the bottom of the screen. Important: The streamlined interface is not intended to be tablet compatible. | enum  xsd:token | TDS\_SLM0  TDS\_SLM1 | Standard: TDS\_SLM0 (DEFAULT, off)  Streamlined: TDS\_SLM1 (On) | TDS\_SLM0 |
| TexttoSpeech | Text to Speech | N/A | 40 | N | Sets student's text to speech accommodation. Students with this test setting enabled may listen to the read-aloud of the items and/or stimuli in the assessment. Note: Text-to-Speech is not available in Spanish. | enum  xsd:token | TDS\_TTS0 TDS\_TTS\_Item TDS\_TTS\_Stim TDS\_TTS\_Stim&TDS\_TTS\_Item | None: TDS\_TTS0 Items Only: TDS\_TTS\_Item (ELA only) Stimuli Only: TDS\_TTS\_Stim (ELA only) Stimuli and Items: TDS\_TTS\_Stim&TDS\_TTS\_Item | TDS\_TTS0 |
| Translation (Glossary) | Translation (Glossary) | N/A | 50 | N | Sets student's glossary accommodation.  Students can open a glossary to view terms presented on the test that may be unfamiliar to them. By design, all students can access the English glossary word list as a universal tool, unless this is disabled (“None”) or overridden by another language. \* If a combination glossary is selected (e.g., English and Arabic or English and Russian), then the student will have access to both. \* If a single glossary is selected (e.g., Mandarin), then the student will only have access to that glossary. The English glossary will not be available. Note: The English glossary is available for both ELA and mathematics tests. Translated glossaries are available for mathematics tests only.  This field is multi-select:  - The value "None" is mutually exclusive of any other values.  - if you select "None" no other value can be selected  - if you select one or more values  other than None, None cannot be selected | enum  xsd:token | TDS\_WL\_Glossary  TDS\_WL\_ArabicGloss  TDS\_WL\_CantoneseGloss  TDS\_WL\_ESNGlossary  TDS\_WL\_KoreanGloss  TDS\_WL\_MandarinGloss  TDS\_WL\_PunjabiGloss  TDS\_WL\_RussianGloss  TDS\_WL\_TagalGloss  TDS\_WL\_UkrainianGloss  TDS\_WL\_VietnameseGloss  TDS\_WL\_ArabicGloss&TDS\_WL\_Glossary  TDS\_WL\_CantoneseGloss&TDS\_WL\_Glossary  TDS\_WL\_ESNGlossary&TDS\_WL\_Glossary  TDS\_WL\_KoreanGloss&TDS\_WL\_Glossary  TDS\_WL\_MandarinGloss&TDS\_WL\_Glossary  TDS\_WL\_PunjabiGloss&TDS\_WL\_Glossary  TDS\_WL\_RussianGloss&TDS\_WL\_Glossary  TDS\_WL\_TagalGloss&TDS\_WL\_Glossary  TDS\_WL\_UkrainianGloss&TDS\_WL\_Glossary  TDS\_WL\_VietnameseGloss&TDS\_WL\_Glossary  TDS\_WL0 | English: TDS\_WL\_Glossary  Arabic: TDS\_WL\_ArabicGloss  Cantonese: TDS\_WL\_CantoneseGloss  Spanish: TDS\_WL\_ESNGlossary  Korean: TDS\_WL\_KoreanGloss  Mandarin: TDS\_WL\_MandarinGloss  Punjabi: TDS\_WL\_PunjabiGloss  Russian: TDS\_WL\_RussianGloss  Filipino: TDS\_WL\_TagalGloss  Ukrainian: TDS\_WL\_UkrainianGloss  Vietnamese: TDS\_WL\_VietnameseGloss  Arabic & English: TDS\_WL\_ArabicGloss&TDS\_WL\_Glossary  Cantonese & English: TDS\_WL\_CantoneseGloss&TDS\_WL\_Glossary  Spanish & English: TDS\_WL\_ESNGlossary&TDS\_WL\_Glossary  Korean & English: TDS\_WL\_KoreanGloss&TDS\_WL\_Glossary  Mandarin & English: TDS\_WL\_MandarinGloss&TDS\_WL\_Glossary  Punjabi & English: TDS\_WL\_PunjabiGloss&TDS\_WL\_Glossary  Russian & English: TDS\_WL\_RussianGloss&TDS\_WL\_Glossary  Filipino (Ilokano and Tagalog) and English: TDS\_WL\_TagalGloss&TDS\_WL\_Glossary  Ukrainian & English: TDS\_WL\_UkrainianGloss&TDS\_WL\_Glossary  Vietnamese & English: TDS\_WL\_VietnameseGloss&TDS\_WL\_Glossary  None: TDS\_WL0 | TDS\_WL0 |
| NonEmbeddedDesignatedSupports | Non Embedded Designated Supports | N/A | 40 | N | Some designated supports may need to be provided to students during testing. These should be provided only to those students who are unable to use the embedded test settings.  This field is multi-select:  - The value "None" is mutually exclusive of any other values.  - if you select "None" no other value can be selected  - if you select one or more values  other than None, None cannot be selected | enum  xsd:token | NEDS0 NEDS\_BD NEDS\_CC NEDS\_CO NEDS\_Mag  NEDS\_NoiseBuf NEDS\_RA\_Items NEDS\_SC\_Items NEDS\_SS NEDS\_TArabic NEDS\_TCantonese NEDS\_TFilipino NEDS\_TKorean NEDS\_TMandarin NEDS\_TPunjabi NEDS\_TRussian NEDS\_TSpanish NEDS\_TUkrainian NEDS\_TVietnamese  NEDS\_TransDirs | \*\*\*\* Non-Embedded Designated Supports: ELA \*\*\*\* None: NEDS0 Bilingual Dictionary: NEDS\_BD Color Contrast: NEDS\_CC Color Overlay: NEDS\_CO Magnification: NEDS\_Mag  Noise buffers: NEDS\_NoiseBuf Read Aloud Items: NEDS\_RA\_Items Scribe Items (Non-Writing): NEDS\_SC\_Items Separate Setting: NEDS\_SS \*\*\*\* Non-Embedded Designated Supports: Math \*\*\*\* None: NEDS0 Color Contrast: NEDS\_CC Color Overlay: NEDS\_CO Magnification: NEDS\_Mag Read Aloud Items: NEDS\_RA\_Items Scribe Items (Non-Writing): NEDS\_SC\_Items Separate Setting: NEDS\_SS Glossary - Arabic: NEDS\_TArabic Glossary - Cantonese: NEDS\_TCantonese Glossary - Filipino (Ilokano and Tagalog): NEDS\_TFilipino Glossary - Korean: NEDS\_TKorean Glossary - Mandarin: NEDS\_TMandarin Glossary - Punjabi: NEDS\_TPunjabi Glossary - Russian: NEDS\_TRussian Glossary - Spanish: NEDS\_TSpanish Glossary - Ukrainian: NEDS\_TUkrainian Glossary - Vietnamese: NEDS\_TVietnamese  Translated test directions: NEDS\_TransDirs | NEDS\_CO |
| NonEmbeddedAccommodations | Non Embedded Accommodations | N/A | 20 | N | Some accommodations may need to be provided to students during testing. These should be provided only to those students who are unable to use the embedded test accommodations. | enum  xsd:token | NEA0 NEA\_AR NEA\_RA\_Stimuli NEA\_SC\_WritItems NEA\_STT NEA\_Abacus NEA\_Calc NEA\_MT | None: NEA0 Alternate Response Options: NEA\_AR Read Aloud Stimuli: NEA\_RA\_Stimuli (ELA only) Scribe Items (Writing): NEA\_SC\_WritItems (ELA only) Speech-to-Text: NEA\_STT Abacus: NEA\_Abacus (Math only) Calculator: NEA\_Calc (Math only) Multiplication Table: NEA\_MT (Math only) | NEA\_STT |
| Other | Other | N/A | 90 | N | Other designated supports or accommodations that are not listed here. | Alphanum  xsd:token | One or more printable ASCII characters |  | Student requires soothing music |

Table : Accommodations Field Definitions

## Designated Supports and Accommodations File Format (NEW as of March 2016)

|  |  |
| --- | --- |
| Format Characteristic | Value |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |
| Index (key) | StudentIdentifier + StateAbbreviation + Subject |

Table : Designated Supports and Accommodations Format Definition

| Field Name | Display name | Reference | Width | Required | Data Element Description | Type | Acceptable Values | Definitions | Examples |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| StudentIdentifier | N/A | [CEDS ID 1071](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5157) K12->K12 Student->Identity->Identification | 40 | Y | State assigned student Identifier which is unique within that state. Every student should have a unique SSID within their state. | Alphanum  xsd:token | One or more printable ASCII characters | FT changed this to SSID | 71761937 |
| StateAbbreviation | N/A | [CEDS ID 267](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5267) K12 -> SEA -> Address [USPS](https://www.usps.com/send/official-abbreviations.htm) | 2 | Y | This is the unique two-character identifier for State | enum  xsd:token | Two-character US State identifier as defined by CEDS and extended as follows: AA, AE, AP, TS, OT. | AA: Armed Forces Americas AE: Armed Forces Africa, Canada, Europe and Mideast AP: Armed Forces Pacific TS: Test State OT: Other | CA |
| Subject | N/A | N/A | 20 | Y | The subject for which the accommodations apply | Alphanum  xsd:token | One or more printable ASCII characters |  | ELA |
| AccommodationCodes | N/A | [ISAAP Accessibility Feature Codes](http://www.smarterapp.org/documents/ISAAP-AccessibilityFeatureCodes.pdf) (19-Nov-2015) | 32767 | Y | Consolidate all accessibility codes into one field (column) for both import and export formats.  For EditResource accommodation resource types, the format shall be Code(value). Valid values for value are alphanumeric characters, spaces, dashes, and periods. Specifically, A-Z,a-z,0-9,<space>,-,.. | Alphanum  xsd:token | This single-field-format will consist of a pipe-delimited list of (unique) accommodation codes for SingleSelect and Multiselect accommodation resource types. | Valid codes include all valid accommodation codes. Can contain any number of custom fields ("EditResource" accommodations). | TDS\_ASL0|TDS\_CCMagenta|TDS\_ClosedCap1|TDS\_PoD\_Stim|editresource1(fluffy bunny)|other(blue light needed) |

Table : Designated Supports and Accommodations File Format

## Student Group File Format

| Format Characteristic | Value |
| --- | --- |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |
| Index (key) | StudentIdentifier + StateAbbreviation + StudentGroupName + SchoolIdentifier |

Table : Student Group Format Definition

| Field Name | Display Name | Reference | Width | Required | Data Element Description | Type | Acceptable Values | Definitions | Examples |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SchoolIdentifier | School ID | [CEDS ID 1069](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5155)  [CEDS ID 1071](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5155)  K12 -> K12 School -> Identification | 40 | Y | A unique number or alphanumeric code assigned to an institution by a school, school system, a state, or other agency or entity. | Alphanum  xsd:token | One or more printable ASCII characters |  | 71561003 |
| ElectronicMailAddress | Email | [CEDS ID 88](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5088)  K12 -> K12 Staff -> Contact -> Email | 50 | Y | Email address of owner of Student Group, who must be a user in the system | Alphanumeric+@  xsd:token | One or more printable ASCII characters |  | brennanf@district23.org |
| StudentGroupName | Student Group Name | N/A | 50 | Y |  | Alphanum  xsd:token | One or more printable ASCII characters |  | Brennan Math |
| StudentIdentifier | Student ID | [CEDS ID 1071](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5155)  K12->K12 Student->Identity->Identification | 40 | Y | State assigned student Identifier which is unique within that state. Every student should have a unique SSID within their state. | Alphanum  xsd:token | One or more printable ASCII characters |  | 7351511 |
| StateAbbreviation | State Abbreviation | [CEDS ID 267](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5267) K12 -> SEA -> Address [USPS](https://www.usps.com/send/official-abbreviations.htm) | 2 | Y | This is the unique two-character identifier for State | enum  xsd:token | Two-character US State identifier as defined by CEDS and extended as follows: AA, AE, AP, TS, OT. | AA: Armed Forces Americas AE: Armed Forces Africa, Canada, Europe and Mideast AP: Armed Forces Pacific TS: Test State OT: Other | CA |
| ResponsibleDistrictIdentifier | Responsible District Identifier | [CEDS ID 637](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5639)  K12 -> K12 Student -> Enrollment | 40 | Y | The district responsible for specific educational services and/or instruction of the student. | Alphanum  xsd:token | One or more printable ASCII characters |  | 276150918 |
| Delete | Action | N/A | 6 | N | Delete this record iff value = DELETE | Alpha  xsd:token | Yes <blank> or other value | DELETE: Delete record Any other value or <blank>: add/update as necessary | DELETE |

Table : Student Group Field Definitions

## Eligibility File Format

|  |  |
| --- | --- |
| Format Characteristic | Value |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |
| Index (key) | StudentIdentifier + StateAbbreviation + TestName + TestVersion |

Table : Eligibility Format Definition

| Field Name | Display Name | Reference | Width | Required | Data Element Description | Type | Acceptable Values | Definitions | Examples |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| StudentIdentifier | Student ID | [CEDS ID 1071](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5155)  K12->K12 Student->Identity->Identification | 40 | Y | State assigned student Identifier which is unique within that state. Every student should have a unique SSID within their state. | Alphanum  xsd:token | One or more printable ASCII characters |  | 7162817624 |
| AssessmentAdministrationAssessmentFamily | Assessment Administration Assessment Family | [CEDS ID 967](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5968)  K12 -> Assessments -> Assessment Administration | 60 | Y | An identifier for the test administration program | Alphanum  xsd:token | One or more printable ASCII characters |  | FCAT |
| StateAbbreviation | State Abbreviation | [CEDS ID 267](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5267) K12 -> SEA -> Address [USPS](https://www.usps.com/send/official-abbreviations.htm) | 2 | Y | This is the unique two-character identifier for State | enum  xsd:token | Two-character US State identifier as defined by CEDS and extended as follows: AA, AE, AP, TS, OT. | AA: Armed Forces Americas AE: Armed Forces Africa, Canada, Europe and Mideast AP: Armed Forces Pacific TS: Test State OT: Other | CA |
| Subject | Subject | N/A | 20 | Y | The subject of the assessment the student is eligible to take | Alphanum  xsd:token | One or more printable ASCII characters |  | Mathematics |
| TestName | Test Name | N/A | 200 | Y | The specific name of the assessment the student is eligible to take | Alphanum  xsd:token | Dashes allowed |  | DCAS-EOC-AlgebraII-Spring-2012-2013 |
| TestVersion | Test Version | N/A | 50 | Y | This is part of the unique key to identify a particular assessment | Alphanum  xsd:token | Decmials allowed |  | 1.0.33 1.0-RC |
| TestForm | Test Form | N/A | 50 | N | The specific name of the form assigned to the student | Alphanum  xsd:token | dashes allowed |  | DCAS-EOC-AlgebraII-Spring-2012-2013:DEFAULT-ESN |
| Delete | Action | N/A | 6 | N | Delete this record iff value = DELETE | Alpha  xsd:token | Yes <blank> or other value | DELETE: Delete record Any other value or <blank>: add/update as necessary | DELETE |

Table : Eligibility Field Definitions

## Student File Format

|  |  |
| --- | --- |
| Format Characteristic | Value |
| File Format | CSV, TSV, XLS, XLSX |
| First Row Contains (verbatim) | Header row with the field names |
| Index (key) | StudentIdentifier+StateAbbreviation |

Table : Student Format Definition

| Field Name | Display Name | Reference | Width | Required | Data Element Description | Type | Acceptable Values | Definitions | Examples | Business Rules |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| StateAbbreviation | State Abbreviation | [CEDS ID 267](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5267) K12 -> SEA -> Address [USPS](https://www.usps.com/send/official-abbreviations.htm) | 2 | Y | 2 character state code | enum  xsd:token | Two-character US State identifier as defined by CEDS and extended as follows: AA, AE, AP, TS, OT. | AA: Armed Forces Americas AE: Armed Forces Africa, Canada, Europe and Mideast AP: Armed Forces Pacific TS: Test State OT: Other | WA | Must be present in database prior to adding students to it |
| ResponsibleDistrictIdentifier | Responsible District Identifier | [CEDS ID 637](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5639)  K12 -> K12 Student -> Enrollment | 40 | Y | The district responsible for specific educational services and/or instruction of the student. | Alphanum  xsd:token | One or more printable ASCII characters |  | 71715 | Must be present in database prior to adding students to it |
| ResponsibleSchoolIdentifier | Responsible School Identifier | [CEDS ID 1069](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5155)  K12->K12 Student->Enrollment | 40 | Y | The school responsible for specific education services and/or instruction of the student. | Alphanum  xsd:token | One or more printable ASCII characters |  | 8716411 | Must be present in database and associated with Attending District IRN (ResponsibleDistrictIdentifier) |
| LastOrSurname | Last Name | [CEDS ID 172](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5172)  K12->K12 Student->Identity->Name | 35 | Y | Student Last Name | Alphanumeric/special  xsd:token | One or more printable ASCII characters |  | Sojka | FirstName and LastOrSurname are required fields, but TR can be configured to not transmit this data if the State wishes to withhold identity data |
| FirstName | First Name | [CEDS ID 115](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5115) K12->K12 Student->Identity->Name | 35 | Y | Student First Name | Alphanumeric/special  xsd:token | One or more printable ASCII characters |  | Bud | FirstName and LastOrSurname are required fields, but TR can be configured to not transmit this data if the State wishes to withhold identity data |
| MiddleName | Middle Name | [CEDS ID 184](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5184) K12->K12 Student->Identity->Name | 35 | N | Student Middle Name | Alphanumeric/special  xsd:token | One or more printable ASCII characters |  | Johan |  |
| Birthdate | Birthdate | [CEDS ID 33](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5033) K12->K12 Student->Demographic | 10 | N | The year, month and day on which a person was born, in the format YYYY-MM-DD (zero-padded) | Numeric+dash  xsd:string | 1900 <= YYYY <= 9999 01 <= MM <= 12 01 <= DD <= 31 |  | 2013-08-31 | Add leading zero if less than 2 digit month or day |
| StudentIdentifier | SSID | [CEDS ID 1071](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5157) K12->K12 Student->Identity->Identification | 40 | Y | State assigned student Identifier which is unique within that state. Every student should have a unique SSID within their state. | Alphanum  xsd:token | One or more printable ASCII characters |  | 82811007 |  |
| AlternateSSID | Alternate SSID | N/A | 50 | Y | A State assigned student Identifier which is unique within that state. This identifier is used by states that do not wish to share student personal identifying information outside of state-deployed systems. Components sending data to Consortium-deployed systems would use this alternate identifier rather than the student's SSID. | Alphanum  xsd:token | One or more printable ASCII characters |  | 32547685ABC | Do not validate SSIDs differently across different states. |
| GradeLevelWhenAssessed | Grade Level When Assessed | [CEDS ID 126](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5126) K12 -> Assessments -> Assessment Registration | 2 | Y | Student's enrolled grade. | Alphanum  xsd:token | IT PR PK TK  KG 01  02  03 04 05 06 07 08 09 10 11 12 13 PS UG | IT - Infant/toddler PR - Preschool PK - Prekindergarten TK - Transitional Kindergarten  KG - Kindergarten 01 - First grade 02 - Second grade 03 - Third grade 04 - Fourth grade 05 - Fifth grade 06 - Sixth grade 07 - Seventh grade 08 - Eighth grade 09 - Ninth grade 10 - Tenth grade 11 - Eleventh grade 12 - Twelfth grade 13 - Grade 13 PS - Postsecondary UG - Ungraded | 05 | Add leading zero if less than 2 digits |
| Sex | Sex | [CEDS ID 255](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5255) K12->K12 Student->Demographic | 6 | Y | Student's gender | enum  xsd:token | Male Female |  | Female |  |
| HispanicOrLatinoEthnicity | Hispanic or Latino Ethnicity | [CEDS ID 144](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5144) K12->K12 Student->Demographic | 3 | Y | Hispanic Ethnic Flag | enum  xsd:token | Yes No |  | No | One or more race fields (below) must also be marked 'Yes' |
| AmericanIndianOrAlaskaNative | American Indian or Alaska Native | [CEDS ID 16](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5655) K12->K12 Student->Demographic | 3 | Y | American Indian/Alaskan Native Race Flag | enum  xsd:token | Yes No |  | Yes | At least one race field must be marked Yes |
| Asian | Asian | [CEDS ID 20](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5656) K12->K12 Student->Demographic | 3 | Y | Asian Race Flag | enum  xsd:token | Yes No |  | No | At least one race field must be marked Yes |
| BlackOrAfricanAmerican | Black or African American | [CEDS ID 34](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5657) K12->K12 Student->Demographic | 3 | Y | African American Race Flag | enum  xsd:token | Yes No |  | Yes | At least one race field must be marked Yes |
| White | White | [CEDS ID 301](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5659) K12->K12 Student->Demographic | 3 | Y | White Race Flag | enum  xsd:token | Yes No |  | No | At least one race field must be marked Yes |
| NativeHawaiianOrOtherPacificIslander | Native Hawaiian or Other Pacific Islander | [CEDS ID 192](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5658) K12->K12 Student->Demographic | 3 | Y | Native Hawaiian/Other Pacific Islander Race Flag | enum  xsd:token | Yes No |  | Yes | At least one race field must be marked Yes |
| DemographicRaceTwoOrMoreRaces | Demographic Race Two or More Races | [CEDS ID 973](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5974) K12 -> K12 Student -> Demographic | 3 | Y | A person having origins in any of more than one of the racial groups. | enum  xsd:token | Yes No |  | Yes | At least one race field must be marked Yes |
| IDEAIndicator | IDEA Indicator | [CEDS ID 151](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5151) K12->K12 Student->Disability | 3 | Y | Student Enrolled in IEP | enum  xsd:token | Yes No |  | No |  |
| LEPStatus | Limited English Proficiency Status | [CEDS ID 180](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5180) K12 -> K12 Student -> Limited English Proficiency | 3 | Y | Student identified as LEP | enum  xsd:token | Yes No |  | Yes |  |
| Section504Status | Section 504 Status | [CEDS ID 249](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5249) K12 -> K12 Student -> Disability | 22 | Y | Student with 504 plan | enum  xsd:token | Yes No Unknown/Cannot Provide |  | No |  |
| EconomicDisadvantageStatus | Economic Disadvantage Status | [CEDS ID 86](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5086) K12 -> K12 Student -> Economically Disadvantaged -> EconomicDisadvantageStatus | 3 | Y | An indication that the student met the State criteria for classification as having an economic disadvantage. | enum  xsd:token | Yes No |  | Yes | This field is not CEDS compliant due to the name change from TitleITargetedAssistanceParticipationStatus |
| LanguageCode | Language Code | [CEDS ID 317](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5317) K12 -> K12 Student -> Language  and [CEDS Language Codes](https://ceds.ed.gov/languageCodes.aspx) | 3 | N | The code for the specific language or dialect that a person uses to communicate. | enum  xsd:token | see http://ceds.ed.gov/languageCodes.aspx |  | fiu |  |
| EnglishLanguageProficiencyLevel | English Language Proficiency Level | N/A | 20 | N | An indication of the progress made by a student toward English proficiency | Alphanum  xsd:token | One or more printable ASCII characters |  | PROGRESS | This field is not CEDS compliant due to the name change from TitleIIIAccountabilityProgressStatus ([CEDS ID 536](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5527)). Furthermore, the Acceptable Values have changed to non-enum, alphanum entry. |
| MigrantStatus | Migrant Status | [CEDS ID 189](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5189) K12 -> K12 Student -> Migrant -> MigrantStatus | 3 | N | Persons who are, or whose parents or spouses are, migratory agricultural workers, including migratory dairy workers, or migratory fishers, and who, in the preceding 36 months, in order to obtain, or accompany such parents or spouses, in order to obtain, temporary or seasonal employment in agricultural or fishing work (A) have moved from one LEA to another; (B) in a state that comprises a single LEA, have moved from one administrative area to another within such LEA; or (C) reside in an LEA of more than 15,000 square miles, and migrate a distance of 20 miles or more to a temporary residence to engage in a fishing activity. | enum  xsd:token | Yes No <blank> |  | Yes |  |
| FirstEntryDateIntoUSSchool | First Entry Date into a US School | [CEDS ID 529](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5520) K12 -> K12 Student -> Immigrant | 10 | N | The year, month and day of a person's initial enrollment into a United States school. | Numeric+dash  xsd:string | YYYY-MM-DD <blank> |  | 2013-08-31 | Add leading zero to MM and DD if less than 2 digits |
| LimitedEnglishProficiencyEntryDate | Limited English Proficiency Entry Date | [CEDS ID 1247](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=6213) K12 -> K12 Student -> Limited English Proficiency | 10 | N | The year, month and day a student classified as limited English proficient entered the LEP program. | Numeric+dash  xsd:token | YYYY-MM-DD <blank> |  | 2013-08-31 | Add leading zero to MM and DD if less than 2 digits |
| LEPExitDate | Limited English Proficiency Exit Date | [CEDS ID 570](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5562) K12 -> K12 Student -> Limited English Proficiency | 10 | N | The year, month and day a student classified as limited English proficient exited the LEP program. | Numeric+dash  xsd:token | YYYY-MM-DD <blank> |  | 2013-08-31 | Add leading zero to MM and DD if less than 2 digits |
| TitleIIILanguageInstructionProgramType | Title III Language Instruction Program Type | [CEDS ID 447](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5437) K12 -> K12 School -> Institution Characteristics | 27 | N | Title III Language Instruction Program Type | enum  xsd:token | DualLanguage, TwoWayImmersion, TransitionalBilingual, DevelopmentalBilingual, HeritageLanguage, ShelteredEnglishInstruction, StructuredEnglishImmersion, SDAIE, ContentBasedESL, PullOutESL, Other | DualLanguage - Dual language TwoWayImmersion - Two-way immersion TransitionalBilingual - Transitional bilingual DevelopmentalBilingual - Developmental bilingual HeritageLanguage - Heritage language ShelteredEnglishInstruction - Sheltered English instruction StructuredEnglishImmersion - Structured English immersion SDAIE - Specially designed academic instruction delivered in English (SDAIE) ContentBasedESL - Content-based ESL PullOutESL - Pull-out ESL Other - Other | HeritageLanguage |  |
| PrimaryDisabilityType | Primary Disability Type | [CEDS ID 218](https://ceds.ed.gov/CEDSElementDetails.aspx?TermId=5218) K12 -> K12 Student -> Disability | 3 | N | The major or overriding disability condition that best describes a person's impairment. | enum  xsd:token | AUT, DB, DD, EMN, HI, ID, MD, OI, OHI, SLD, SLI, TBI, VI | AUT - Autism DB - Deaf-blindness DD - Developmental delay EMN - Emotional disturbance HI - Hearing impairment ID - Intellectual Disability MD - Multiple disabilities OI - Orthopedic impairment OHI - Other health impairment SLD - Specific learning disability SLI - Speech or language impairment TBI - Traumatic brain injury VI - Visual impairment | EMN |  |
| Delete | Action | N/A | 6 | N | Delete this record iff value = DELETE | Alpha  xsd:token | DELETE <blank> or other value | DELETE: Delete record Any other value or <blank>: add/update as necessary | DELETE |  |

Table : Student Field Definitions