

2025-2026 Sandbox Re-Certification Scenarios (Ed-Fi 6.2)

Kansas State Department of Education

Kansas Education Data System (KEDS)

8/20/2025

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Recertification

If the vendor was completely certified for the 2024-2025 school year, the following are the resources that will need to be certified for the 2025-2026 school year.

- StudentSchoolAssociation
- StudentEducationOrganizationAssociation
- StudentLanguageInstructionProgramAssociation
- StudentSectionAssociation
- StudentAcademicRecord
- StudentSchoolAttendanceEvents

Data Using for Certification

During the certification process you can use the data identified in each section of the document or you can use data already in your test system. Use the table below to identify the district, building, staff and student data you plan to use during the certification process to make the process easier for us.

District and Buildings	
Elementary Building	
Middle School Building	
High School Building	
5 Students	
3 - 5	
6 - 10	
11 - 13	
14 - 16	
17 - 21	
3 Staff Members	

Staff Member 1	
Staff Member 2	
Staff Member 3	

2025-2026 SIS Submitted KSDE Ed-Fi API Resources

Resource: Student

Description

This entity represents an individual for whom instruction, services, and/or care are provided in an early childhood, elementary, or secondary educational program under the jurisdiction of a school, education agency or other institution or program. A student is a person who has been enrolled in a school or other educational institution.

Prerequisite Data

None

Certification Scenarios

- Create five (5) student records with these age ranges:

Age Range	StudentUniqueid (State Student Identifier)
3 - 5	0011010203
6 - 10	0011335577
11 - 13	0022446688
14 - 16	0012345678
17 - 21	0017654321

- For the 5 student records, include these required fields:
 - a. StudentUniqueID (State Student Identifier)
 - b. Birthdate (Date of Birth)
 - c. BirthSexDescriptor (Gender)
 - d. BirthCountryDescriptor (Country of Birth)
 - e. FirstName (Legal First Name)
 - f. MiddleName (Legal Middle Name)
 - g. LastSurname (Legal Last Name)
- For all the students, update these details:
 - a. GenerationCodeSuffix (Generation Code)

- b. BirthCountryDescriptor (Country of Birth)

*Resource: StudentSchoolAssociations

Description

This association represents the School in which a student is enrolled. The semantics of enrollment may differ slightly by state. Non-enrollment relationships between a student and an education organization may be described using the StudentEducationOrganizationAssociation.

Prerequisite Data

- Students
- EducationOrganization

Certification Scenarios

1. Enroll student *0011010203* and *0011335577* at McLouth Elem *143424006*, include the following fields:
 - a. EntryDate (Entry Date)
 - b. SchoolId (*use SchoolId provided*)
 - c. StudentUniqueId (State Student Identifier)
 - d. EntryGradeLevelDescriptor (Current Grade Level)
 - e. SchoolYear (School Year)
 - f. SchoolEntryDate (School Entry Date)
 - g. LocalEducationAgencyEntryDate (District Entry Date)
 - h. StateEntryDate (State Entry Date)
 - i. MembershipDays (Cumulative Number of Days in Membership)
 - j. MinutesEnrolled (Minutes Enrolled)
2. Enroll student *0022446688* at McLouth Middle *143424007*, include the following fields:
 - a. EntryDate (Entry Date)
 - b. SchoolId (*use SchoolId provided*)
 - c. StudentUniqueId (State Student Identifier)
 - d. EntryGradeLevelDescriptor (Current Grade Level)
 - e. SchoolYear (School Year)
 - f. SchoolEntryDate (School Entry Date)
 - g. LocalEducationAgencyEntryDate (District Entry Date)

- h. StateEntryDate (State Entry Date)
 - i. MembershipDays (Cumulative Number of Days in Membership)
 - j. MinutesEnrolled (Minutes Enrolled)
 - k. QualifiedFor504Descriptor (Qualified for 504)
3. Enroll student **0012345678** at McLouth High **143424008**, include the following fields:
- a. EntryDate (Entry Date)
 - b. SchoolId (*use SchoolId provided*)
 - c. StudentUniqueid (State Student Identifier)
 - d. EntryGradeLevelDescriptor (Current Grade Level)
 - e. ExitWithdrawDate (Exit/Withdrawal Date)
 - f. ExitWithdrawDescriptor (Exit/Withdrawal Type)
 - g. SchoolYear (School Year)
 - h. SchoolEntryDate (School Entry Date)
 - i. LocalEducationAgencyEntryDate (District Entry Date)
 - j. StateEntryDate (State Entry Date)
 - k. MembershipDays (Cumulative Number of Days in Membership)
 - l. MinutesEnrolled (Minutes Enrolled)
 - m. CTEContactMinutes (Career and Technical Education Contact Minutes)
 - n. IndividualPlanOfStudy (Individual Plan of Study)
 - o. QualifiedFor504Descriptor (Qualified for 504)
4. Enroll student **0017654321** at McLouth High **143424008**, include the following fields:
- a. EntryDate (Entry Date)
 - b. SchoolId (*use SchoolId provided*)
 - c. StudentUniqueid (State Student Identifier)
 - d. EntryGradeLevelDescriptor (Current Grade Level)
 - e. SchoolYear (School Year)
 - f. SchoolEntryDate (School Entry Date)
 - g. LocalEducationAgencyEntryDate (District Entry Date)
 - h. StateEntryDate (State Entry Date)
 - i. MembershipDays (Cumulative Number of Days in Membership)
 - j. MinutesEnrolled (Minutes Enrolled)
 - k. CTEContactMinutes (Career and Technical Education Contact Minutes)
 - l. IndividualPlanOfStudy (Individual Plan of Study)
 - m. QualifiedFor504Descriptor (Qualified for 504)
 - n. CreditsRequiredToGraduate (High School Credits Required to Graduate)
5. Enroll student **0017654321** at McLouth - Homeschool or Private **143420002**, include the following fields:
- a. EntryDate (Entry Date)
 - b. SchoolId (*use SchoolId provided*)
 - c. StudentUniqueid (State Student Identifier)

- d. EntryGradeLevelDescriptor (Current Grade Level)
 - e. SchoolYear (School Year)
 - f. SchoolEntryDate (School Entry Date)
 - g. LocalEducationAgencyEntryDate (District Entry Date)
 - h. StateEntryDate (State Entry Date)
 - i. MembershipDays (Cumulative Number of Days in Membership)
 - j. MinutesEnrolled (Minutes Enrolled)
6. End student **0022446688** and **0012345678** enrollments by updating their enrollment records with these fields:
 - a. ExitWithdrawDate (Exit/Withdrawal Date)
 - b. ExitWithdrawDescriptor (Exit/Withdrawal Type)
 7. Delete student **0017654321's** McLouth - Homeschool or Private **143420002** enrollment.

*Resource: [StudentEducationOrganizationAssociation](#)

Description

This association represents student information as reported in the context of the student's relationship to the education organization. Enrollment relationship semantics are covered by StudentSchoolAssociation.

Prerequisite Data

- Students
- EducationOrganizations (Schools)
- StudentSchoolAssociation

Certification Scenarios

1. Create a Student EducationOrganization Association between students **0011010203** and **0011335577** and McLouth Elem **143424006**, including the following fields:
 - a. EducationOrganizationId (*use provided SchoolId*)
 - b. StudentUniqueId (State Student Identifier)
 - c. SexDescriptor (Gender)
 - d. HispanicLatinoEthnicity (Hispanic Ethnicity)
 - e. DistrictOfResidence (Residence District Identifier)
 - f. Address
 - i. AddressTypeDescriptor
 - ii. StateAbbreviationDescriptor (*Provide KS as value*)

- iii. City (Student's City)
 - iv. PostalCode (Student's Zip Code)
 - v. StreetNumberName (Student's Street Address)
 - g. RaceDescriptor (Comprehensive Race)
 - i. Provide 2 or more race values
 - h. LanguageDescriptor (First Language)
 - i. StudentCharacteristicDescriptors - Provide the following Student Characteristic Descriptor records:
 - i. Migrant
 - ii. Single Parent
 - j. StudentIdentificationCode -
 - i. StudentIdentificationSystemDescriptors
 - 1. District
 - 2. State
 - ii. AssigningOrganizationIdentificationCode
 - iii. IdentificationCode
 - 1. For District - Local Student Identifier
 - 2. For State - State Student Identifier
 - k. KSAtRiskEligibilityDescriptor (Kansas At-Risk Program Participation)
 - i. Qualifies for homeless and/or migrant
 - ii. Not meeting state standards
 - l. PRAtRiskEligibilityDescriptor (Preschool-Aged At-Risk Program Participation)
 - i. Child Qualifying for Migrant Status
 - ii. Single Parent Family
2. Create a Student EducationOrganization Association between Student **0022446688** and McLouth Middle **143424007**, including the following fields:
- a. EducationOrganizationId (*use provided SchoolId*)
 - b. StudentUniqueId (State Student Identifier)
 - c. SexDescriptor (Gender)
 - d. HispanicLatinoEthnicity (Hispanic Ethnicity)
 - e. DistrictOfResidence (Residence District Identifier)
 - f. Address:
 - i. StateAbbreviationDescriptor (*Provide KS as value*)
 - ii. City (Student's City)
 - iii. PostalCode (Student's Zip Code)
 - iv. StreetNumberName (Student's Street Address)
 - g. RaceDescriptor (Comprehensive Race)
 - i. Provide 2 or more race values
 - h. LanguageDescriptor (First Language)

- i. StudentCharacteristicDescriptors - Provide the following Student Characteristic Descriptor records:
 - i. Gifted Student
 - ii. IEP Student
 - iii. Special Circumstances Transfer Choice Student
 - iv. Truant
 - v. Part-Time Virtual Education Student
 - vi. Student Indicated with Dyslexia
 - j. StudentIdentificationCode -
 - i. StudentIdentificationSystemDescriptors
 - 1. District
 - 2. State
 - ii. AssigningOrganizationIdentificationCode
 - iii. IdentificationCode
 - 1. For District - Local Student Identifier
 - 2. For State - State Student Identifier
3. Create a StudentEducationOrganizationAssociation between students **0012345678** and **0017654321** and McLouth High **143424008**, including the following fields:
- a. EducationOrganizationId (*use provided SchoolId*)
 - b. StudentUniqueId (State Student Identifier)
 - c. SexDescriptor (Gender)
 - d. HispanicLatinoEthnicity (Hispanic Ethnicity)
 - e. DistrictOfResidence (Residence District Identifier)
 - f. Address
 - i. StateAbbreviationDescriptor (*Provide KS as value*)
 - ii. City (Student's City)
 - iii. PostalCode (Student's Zip Code)
 - iv. StreetNumberName (Student's Street Address)
 - g. RaceDescriptor (Comprehensive Race)
 - i. Provide 2 or more race values
 - h. LanguageDescriptor (First Language)
 - i. StudentCharacteristicDescriptors - Provide the following Student Characteristic Descriptor records:
 - i. Concurrent High School Enrolled Student
 - ii. Virtual Education Student
 - iii. Single Parent
 - iv. Dropout Diploma Completion Virtual Student
 - j. StudentIdentificationCode -

- i. StudentIdentificationSystemDescriptors
 - 1. District
 - 2. State
 - ii. AssigningOrganizationIdentificationCode
 - iii. IdentificationCode
 - 1. For District - Local Student Identifier
 - 2. For State - State Student Identifier
 - k. CTE
 - i. CTCertificationEarnedDescriptor (CTE Certification Earned)
 - ii. CTCertificationTermDescriptor (Term)
 - iii. CTCertificationDateEarned (Date Earned)
 - iv. GraduationYear (Graduation Year)
- 4. Update the student records used in scenarios 1, 2, and 3 with the following fields:
 - a. StudentCharacteristicDescriptors - Provide the following Student Characteristic Descriptor records:
 - i. ImmigrantStudentDescriptor(Immigrant Student)
 - ii. NeglectedDelinquentStudentDescriptor (Neglected/Delinquent Student)
 - iii. MilitaryConnectedStudent (Military Connected Student Indicator)
 - b. Transportation:
 - i. MilesTransported (Miles Transported)
 - ii. TransportationFTE (Transportation FTE)

*Resource: StudentSectionAssociation

Description

The StudentSectionAssociation association indicates the course sections to which a student is assigned.

Prerequisite Data

- Students
- Section
- StudentSchoolAssociation

Scenarios

- Create these Student Section Association records:

Field	StudentSectionAssociation 1	StudentSectionAssociation 2	StudentSectionAssociation 3
BeginDate	8-12-2025	8-12-2025	8-12-2025
LocalCourseCode (Local Course Identifier)	ABC_Math_1000	ABC_Science_1000	ABC_FineArts_1000
SchoolId	143424006	143424007	143424008
SchoolYear	2025	2025	2025
SessionName	2025 School Year	2025 First Semester	2025 Third Quarter
SectionIdentifier	ABC_Math_1000_1	ABC_Science_1000_0 8	ABC_FineArts_1000_0 2SN
StudentUniqueId (State Student Identifier)	0011335577	0022446688	0012345678
EndDate		12-21-2025	10-12-2025
CourseStatusDescriptor (Course Status)	Enrolled	Completed (Pass)	Exited before course completion

StudentProgramAssociations

*Resource: [StudentLanguageInstructionProgramAssociation](#)

Description

The Student Language Instruction Program Association represents the Title III, language instruction program(s) that a student participates in or receives services from. The association is an extension of the StudentProgramAssociation particularly for language instruction programs.

Prerequisite Data

- EducationOrganizationId
- Program

- Student
- StudentSchoolAssociation

Scenarios

1. Create the following Student Language Instruction Program Association records:

Field	StudentLanguageInstructionProgramAssociation 1	StudentLanguageInstructionProgramAssociation 2	StudentLanguageInstructionProgramAssociation 3
BeginDate	2024-09-01	2024-09-01	2023-09-01
EducationOrganizationId	143424006	143424007	143424008
ProgramEducationOrganizationId	143424006	143424007	143424008
ProgramName	English as a Second Language (ESL)	English as a Second Language (ESL)	English as a Second Language (ESL)
ProgramTypeDescriptor	English as a Second Language (ESL)	English as a Second Language (ESL)	English as a Second Language (ESL)
StudentUniqueId	0011010203	0022446688	0012345678
Dosage	80	58	0
USInitialSchoolEntryDate	2021-09-01	2020-09-01	2024-09-01
FundingSourceDescriptor	Both Title III and State ESOL/Bilingual Funded	ESOL program eligible	Monitored
LanguageInstructionProgramTypeDescriptor	ESL or ELD	Content Classes with integrated ESL support	
EndDate			2025-5-16

Academic Record

Resource: [StudentAcademicRecord](#)

Description

This educational entity represents the cumulative record of academic achievement for a student. Any information not marked as required for this resource, does not need to have information submitted in the field.

Prerequisite Data

- EducationOrganizationId
- Student
- StudentSchoolAssociation
- Session

Scenarios

1. Create records for StudentEducationOrganizationAssociation between students *0012345678* and *0017654321* and McLouth High *143424008*, including the following fields:
 - a. TermDescriptor
 - b. EducationOrganizationId
 - c. SchoolYear (Current School Year)
 - d. StudentUniqueId (State Student Identifier)
 - e. CumulativeEarnedCredits
 - f. CumulativeGradePointAverage

Attendance Information

Resource: StudentSchoolAttendanceEvents

Description

This event entity represents the recording of whether a student is in attendance for a school day.

Prerequisite Data

- Calendar
- EducationOrganizationId

- Student
- StudentSchoolAssociation
- Session

Scenarios

1. Create a week's worth of attendance records in StudentSchoolAttendanceEvents for students *0011010203* and *0011335577* and McLouth Elem *143424006*, including the following fields:
 - a. AttendanceEventCategoryDescriptor
 - b. EventDate
 - c. SchoolID
 - d. SchoolYear (Current School Year)
 - e. SessionName
 - f. StudentUniqueld (State Student Identifier)
 - g. EventDuration
2. Create a week's worth of attendance records in StudentSchoolAttendanceEvents for student *0022446688* and McLouth Middle *143424007*, including the following fields:
 - a. AttendanceEventCategoryDescriptor
 - b. EventDate
 - c. SchoolId
 - d. SchoolYear (Current School Year)
 - e. SessionName
 - f. StudentUniqueld (State Student Identifier)
 - g. EventDuration
3. Create a week's worth of attendance records in StudentSchoolAttendanceEvents for students *0012345678* and *0017654321* and McLouth High *143424008*, including the following fields:
 - a. AttendanceEventCategoryDescriptor
 - b. EventDate
 - c. SchoolId
 - d. SchoolYear (Current School Year)
 - e. SessionName
 - f. StudentUniqueld (State Student Identifier)
 - g. EventDuration