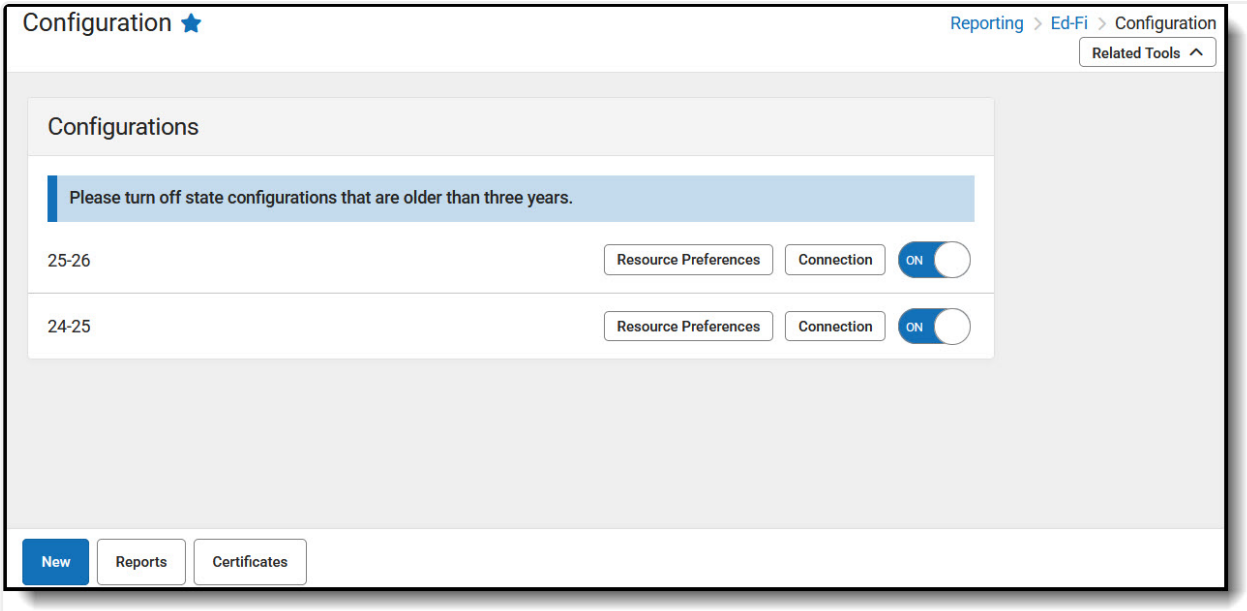
Resource Preferences (Wisconsin v3.X)

Last Modified on 10/13/2026 10:09 am CDT

Tool Search: Ed-Fi Configuration

Resource Preferences determine which information is sent to Ed-Fi. These options apply to all schools within the district. If the state did not request a resource, it does not appear in this list, meaning different options may be available for different states. Some mapping screens may be 'read only' if specific business rules are required by your state.



Ed-Fi Configuration

Prerequisites

- Ed-Fi functionality must be enabled via the Enable Ed-Fi System Preference.
- Ed-Fi should be properly configured via the Ed-Fi Configuration tool.

Setting Resource Preferences

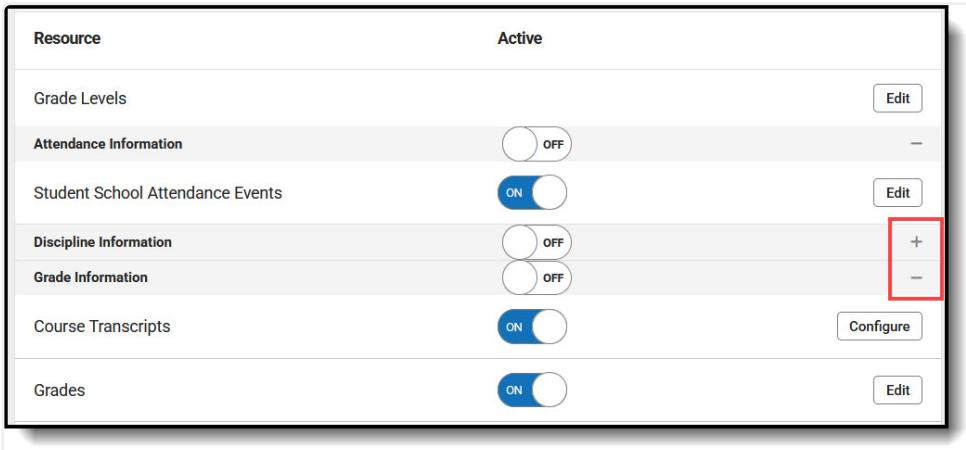
Resource Preferences determine which information is sent to Ed-Fi.

> Resource Preferences can be imported or set manually. The information below details how to manually set the Resource Preferences for Wisconsin. For information on importing mappings, please see the Import Mappings section of the Core Ed-Fi Resource Preferences article.

For each resource, choose Edit or Configure to map items like Scores or Grade Levels to an Ed-Fi Code. These items are called Descriptors.

- Configure displays when preferences have not previously been saved.
- Edit displays when preferences have already been set and saved.

Resources can be expanded by clicking the plus sign or collapsed by clicking the minus sign.



Resource Preferences Expand and Collapse Options

When the Configure or Edit button does not display, the resource does not need to be mapped and the toggle button can be used to turn the resource on or off. Select a link below to view how to set the Resource Preferences.

Resources should be toggled off until all data setup is complete and the district is ready to send data to Ed-Fi.

1. Select the **Resource Preferences** button for the current school year. This name may vary depending on the Connection Name that was entered when adding the Connection.
2. The list of available resources displays.
3. Click the **Edit** or **Configure** button to modify the resource preferences.
4. Click **Save** when finished mapping the Descriptors.
5. Turn the resource preference to **ON.**
6. **Close** the Resource Preferences when finished.

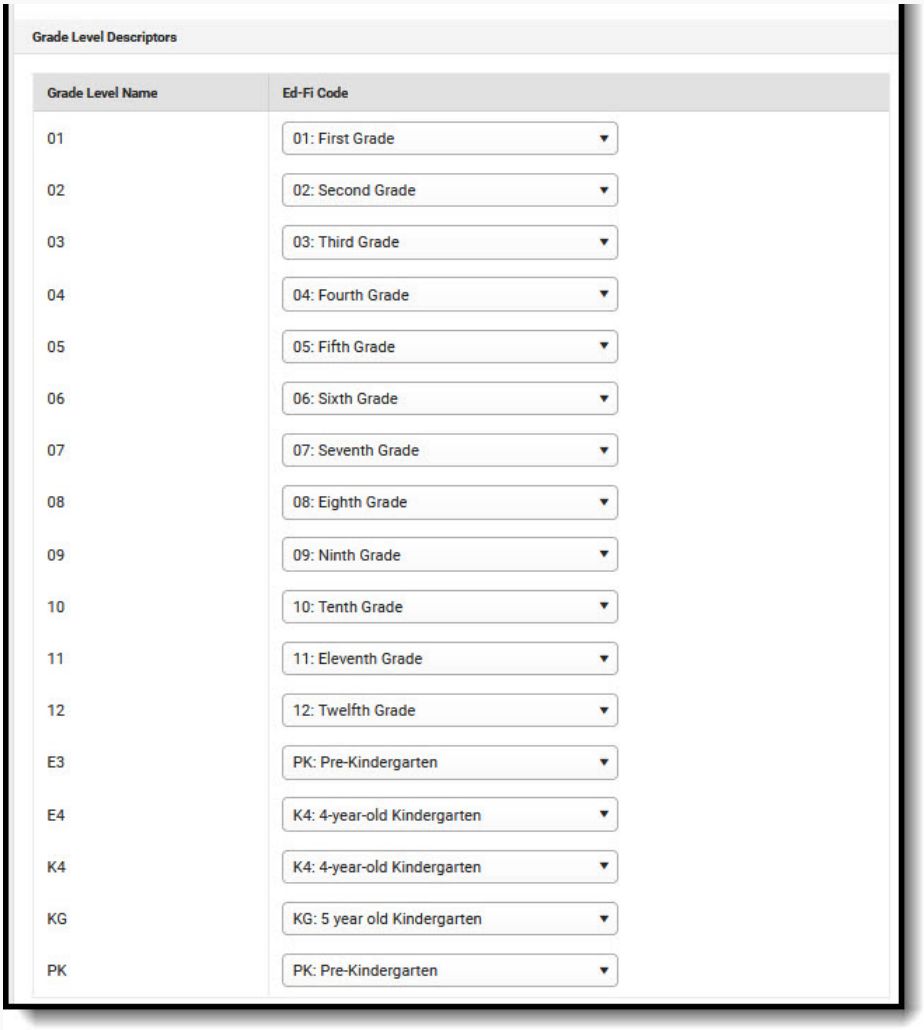
Any item not mapped DOES NOT REPORT to Ed-Fi.

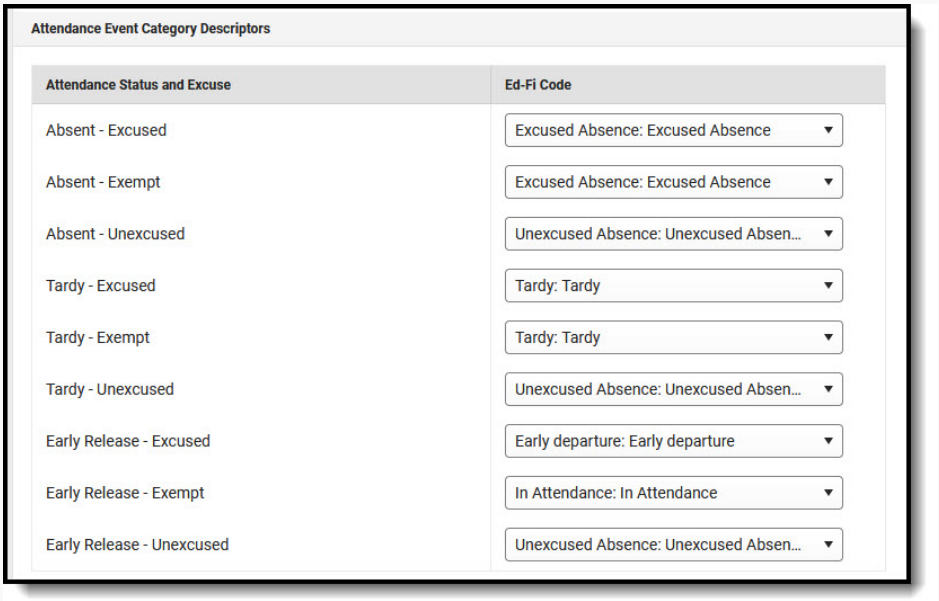
Wisconsin Ed-Fi Resource Preferences

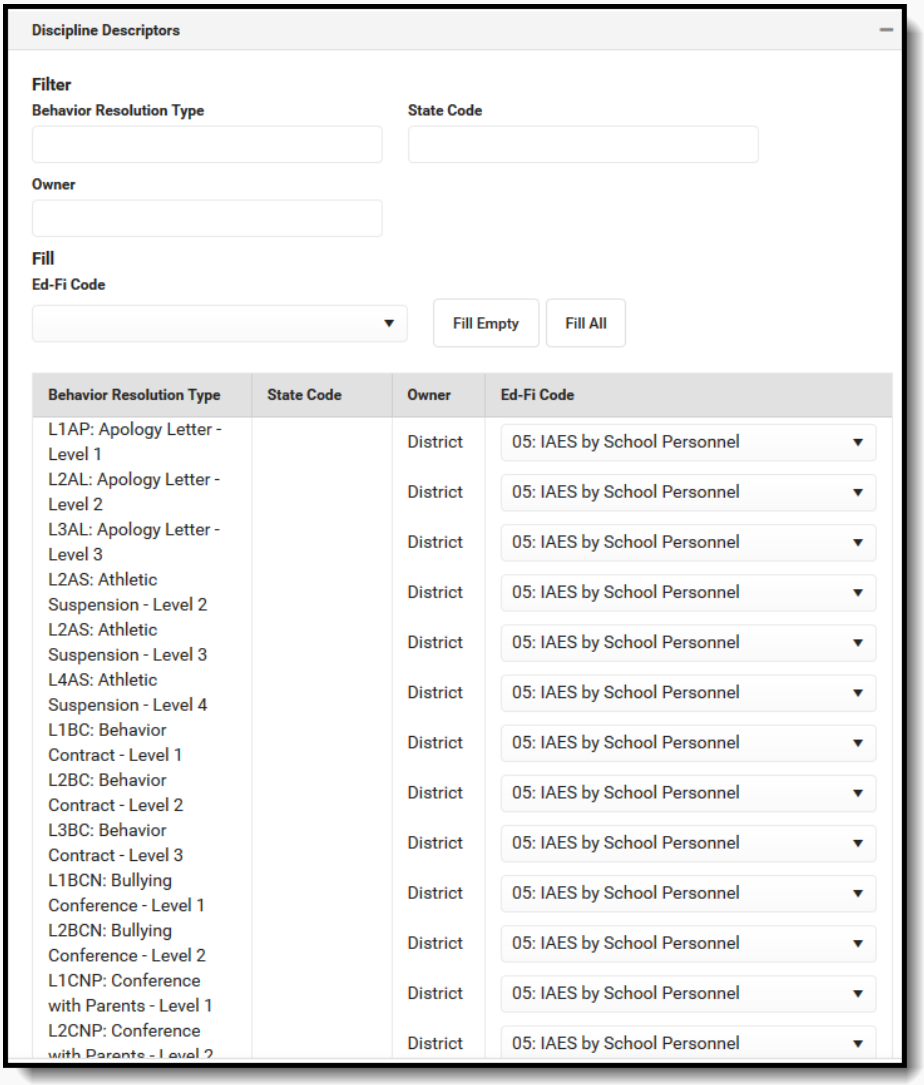
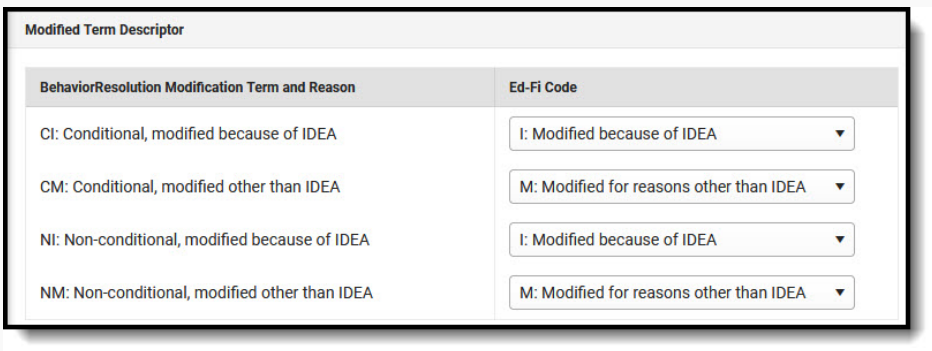
The following provides details on each Resource and the desired preference for proper reporting with the state of Wisconsin.

Note: Three different profiles are available for Wisconsin districts, and the resources available are different for each profile.

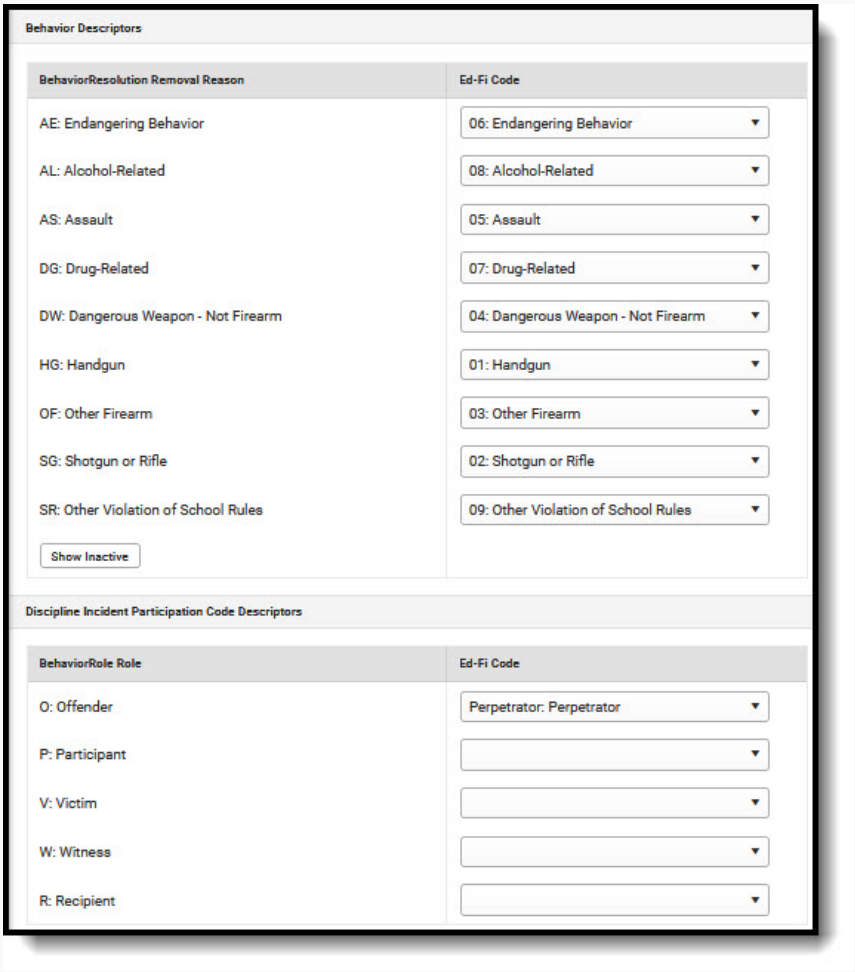
Resource	Description

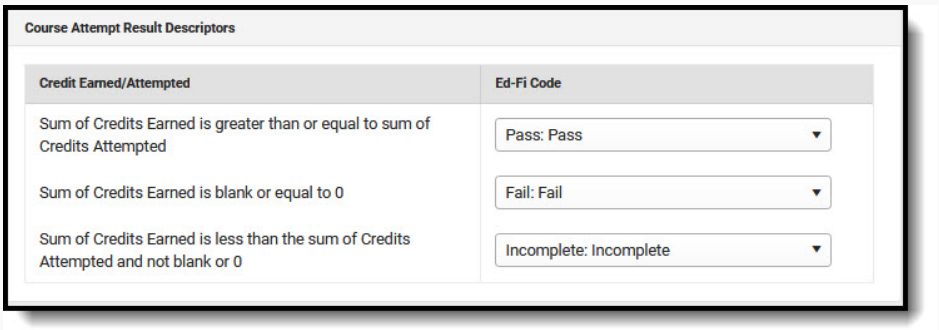
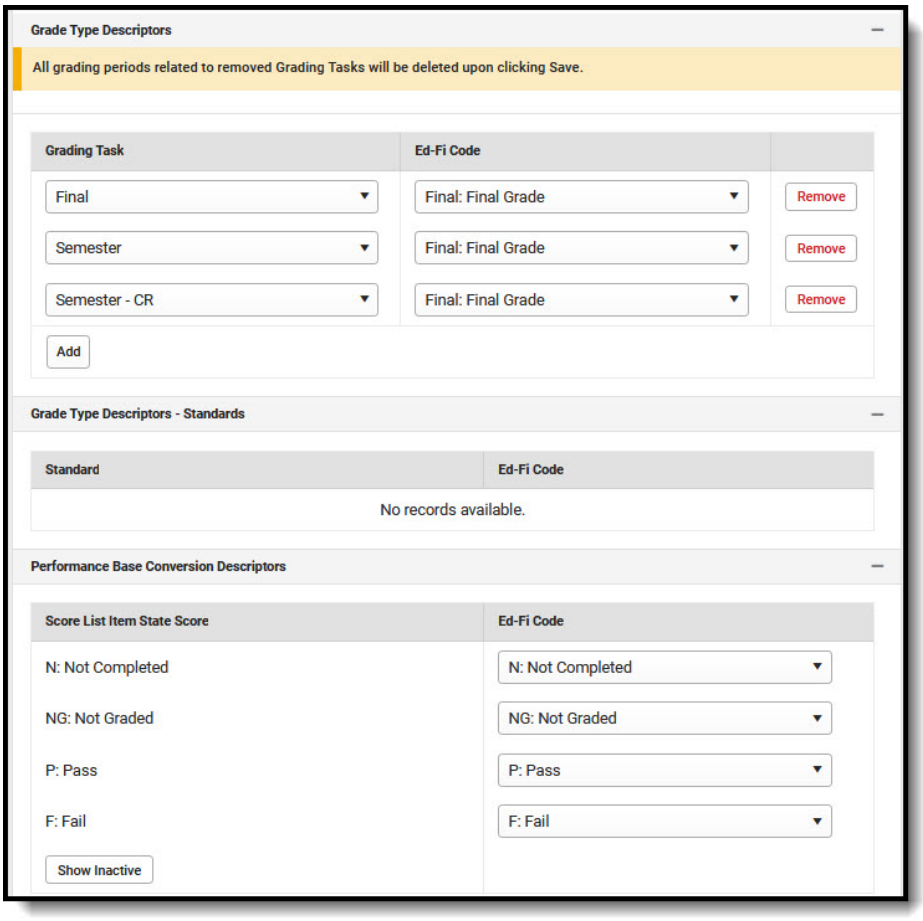
Resource	Description
Grade Levels	The Grade Levels Resource cannot be toggled on or off because multiple resources are used to determine grade level information. Each **Grade Level Name** available in the district needs to be mapped to a corresponding Ed-Fi Code.  See the Grade Levels article for more information.
Attendance Information	

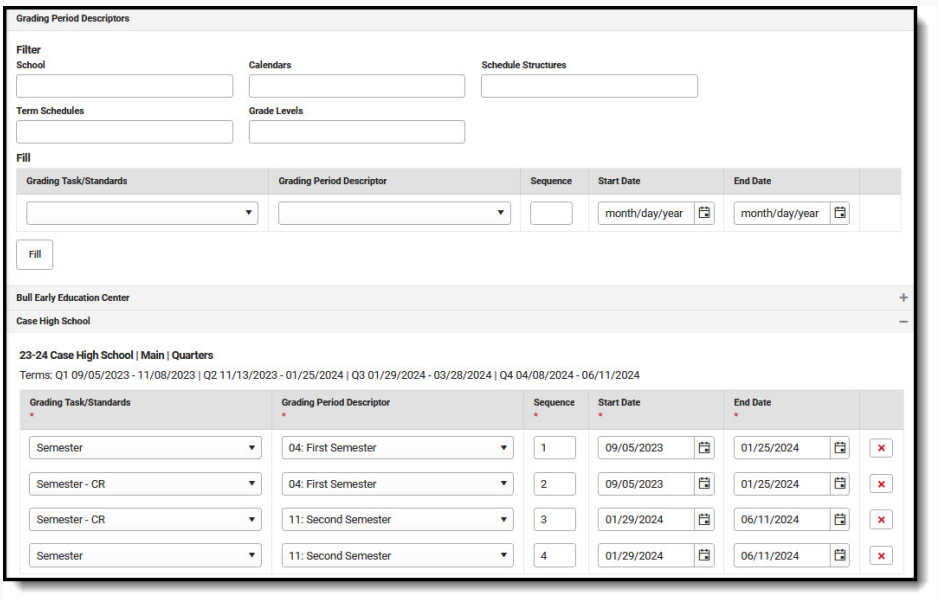
Resource	Description
Student School Attendance Events	Map the Attendance Event Category Descriptors to the appropriate Ed-Fi Code. 
Discipline Information	

Resource	Description
Discipline Actions	Behavior Resolution Types are mapped to a State Resolution Code on the Resolution Type Setup tool, then to an Ed-Fi Code. Use the Filter options in the Discipline Descriptors section to find the Behavior Resolution Type and then fill that item with the desired Ed-Fi Code.  Map the **Behavior Resolution Modification Term and Reason** to the **Ed-Fi Code.**  See the Behavior article for more information.

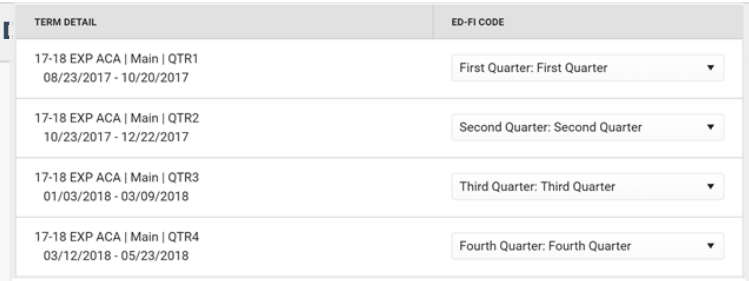
Resource	Description
Discipline Incidents	Answer the question at the top of the page on whether to report details on the Incident populating in the Behavior Detailed Description. 

Resource	Description
Student Discipline Incident Behavior Associations	Map the **Behavior Resolution Removal Reason** and **Discipline Incident Participation Code Descriptors** to the appropriate **Ed-Fi Code**.  See the Behavior article for more information.

Resource	Description
Grade Information	
Course Transcripts	Map the **Credit Earned/Attempted** to the **Ed-Fi Code.**  Course Attempt Result Descriptors Credit Earned/Attempted / Ed-Fi Code Sum of Credits Earned is greater than or equal to sum of Credits Attempted — Pass: Pass Sum of Credits Earned is blank or equal to 0 — Fail: Fail Sum of Credits Earned is less than the sum of Credits Attempted and not blank or 0 — Incomplete: Incomplete See the Student Transcripts article for more information.
Grades	Map the **Grading Tasks, Standards,** and **Score List Item State Scores** to the corresponding **Ed-Fi Code**.  Grade Type Descriptors All grading periods related to removed Grading Tasks will be deleted upon clicking Save. Grading Task / Ed-Fi Code Final — Final: Final Grade — Remove Semester — Final: Final Grade — Remove Semester - CR — Final: Final Grade — Remove Add Grade Type Descriptors - Standards Standard / Ed-Fi Code No records available. Performance Base Conversion Descriptors Score List Item State Score / Ed-Fi Code N: Not Completed — N: Not Completed NG: Not Graded — NG: Not Graded P: Pass — P: Pass F: Fail — F: Fail Show Inactive

Resource	Description
Grading Periods	Complete the Grading Task/Standard, Grading Period Descriptor, Sequence, Start Date, and End Date field for each school. The filter option at the top of the section can be used to filter by school and/or grade level. The various filter fields determine which information displays. The Fill options can be used to fill the Grading Task, Grading Period Descriptor, Sequence, Start Date, and/or End Date fields.  **Grading Period Scenarios** Click here to expand... Create a Grading Period record for each Grading Task that you want to send a grade to in Ed-Fi. The Grading Period reports in the Sessions resource where the end date of the Grading Period overlaps that terms start and end dates. Sessions Resource:

Resource	



Example of Grading Period overlaps that terms start and end dates.

School reports a Quarter Grade at the end of each term:
Create four Grading Periods

Grading Task	Grading Period Descriptor	Start Date	End Date	Sequence	Sessions Reference
Quarter	First Nine Weeks	08/23/2017	10/20/2017	1	First Quarter
Quarter	Second Nine Weeks	10/23/2017	12/22/2017	2	Second Quarter
Quarter	Third Nine Weeks	01/03/2018	03/09/2018	3	Third Quarter
Quarter	Fourth Nine Weeks	03/12/2018	05/23/2018	4	Fourth Quarter

School reports a Semester Grade at the end of the Second and Fourth Quarters:

Grading Task	Grading Period Descriptor	Start Date	End Date	Sequence	Sessions Reference
Semester	First Semester	8/23/2017	12/22/2017	1	Second Quarter
Semester	Second Semester	01/03/2018	05/23/2018	2	Fourth Quarter

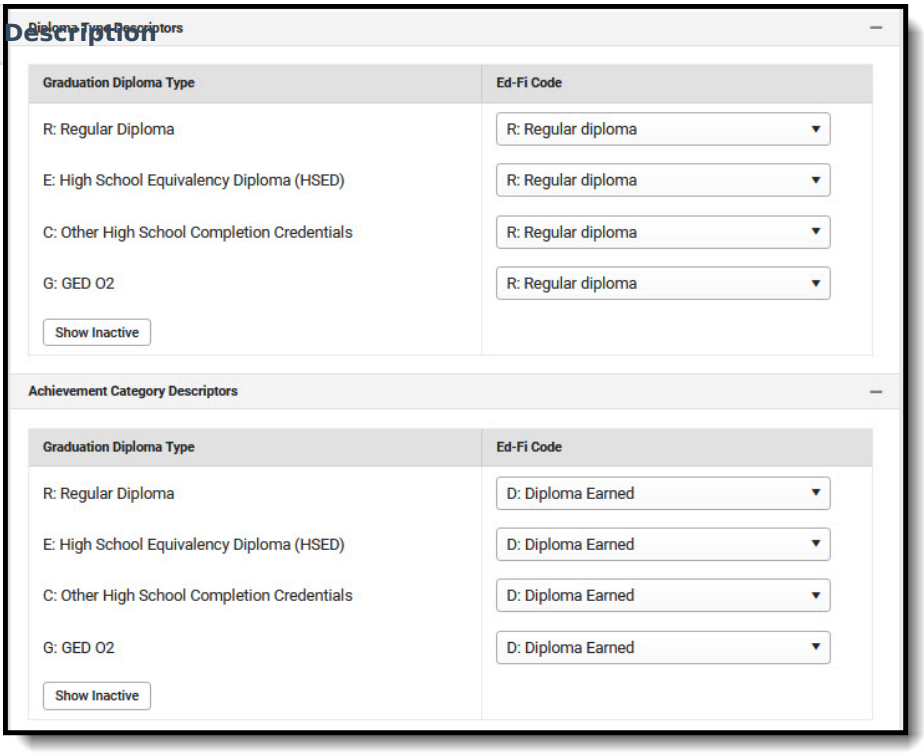
Student Academic Records

If desired, mark the **Share Graduation Data checkbox** to allow graduation information to be shared with the state.



Map the **Diploma Type** and **Achievement Category Descriptors** to the corresponding **Ed-Fi Code**.

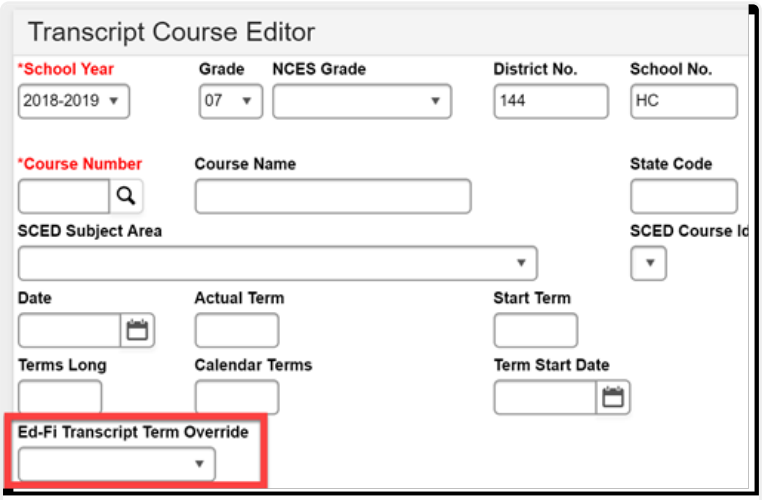
Resource	Description



Additional Information for Student Academic Records

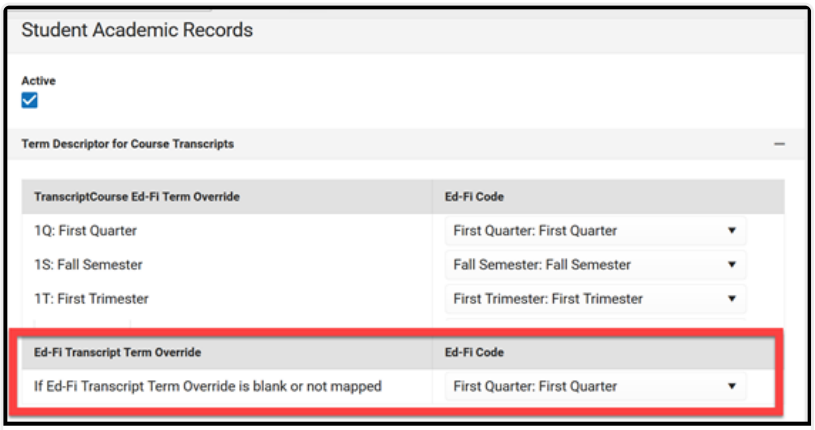
Course Transcript records in Ed-Fi have a required reference to the Student Academic Record resource which requires a Term Descriptor in order to send to the ODS. When Transcript records are manually added to a student's Transcript tab, there is not a calculated way to determine in which term the student completed the course in order to align it to the proper Student Academic Record. There are two ways in which a Term Descriptor can be assigned to a manually added transcript record:

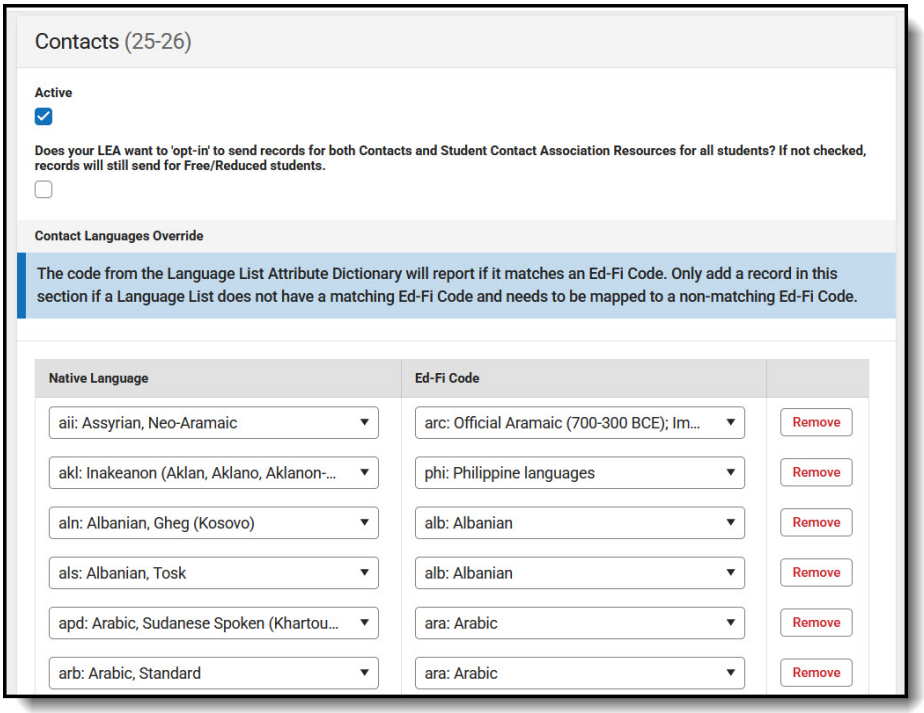
1. Ed-Fi Transcript Term Override field on the Transcript Course Editor:

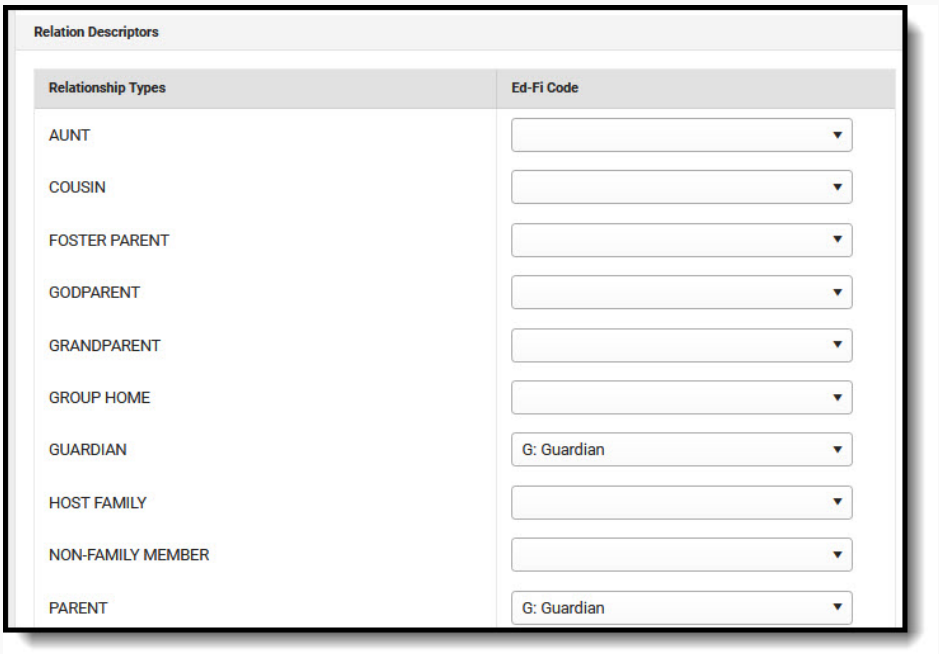
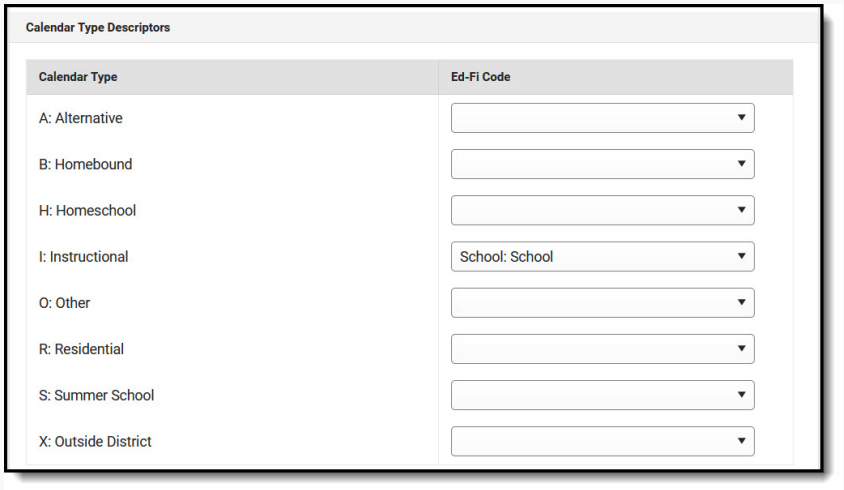


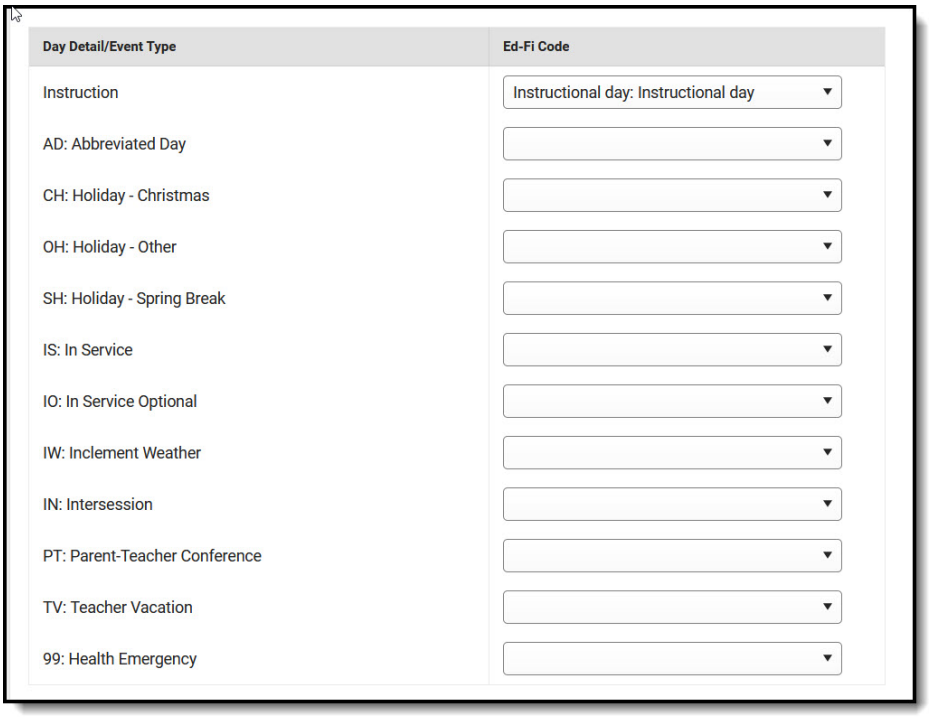
Ed-Fi Transcript Term Override field

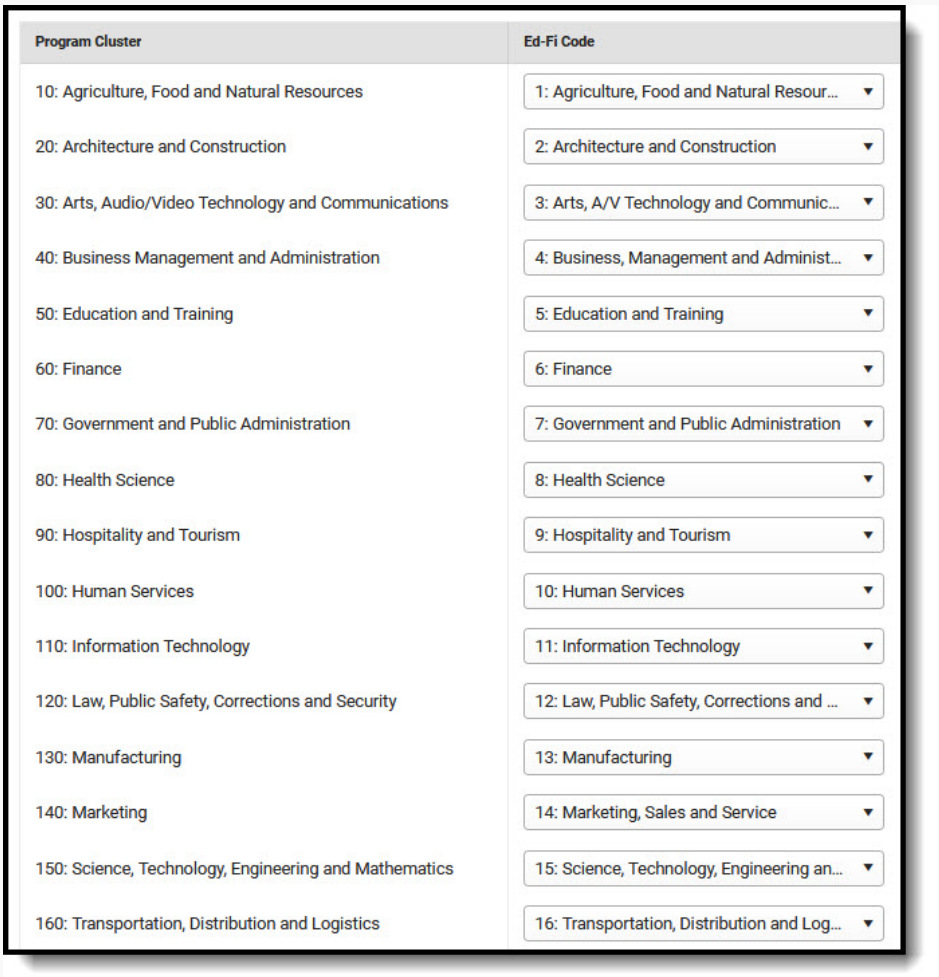
This field should be used when multiple records for the same course are posted to the student's transcript in the same school year. If all students have only one transcript record per course in a school year, this field does not need to be populated and the Term Descriptor set for the Ed-Fi

Resource	Description
	Transcript Term Override in the Student Academic Record Resource Preferences is used to report. Example: Student receives a Fall Semester and Spring Semester grade in the same school year for the same course. 2. Set the Ed-Fi Transcript Term Override field on the Student Academic Records Resource Preferences:  *Ed-Fi Transcript Term Override on the Student Academic Records Resource Preferences* The Term Descriptor selected in the Ed-Fi Code field reports for all manually added transcript records where the Ed-Fi Transcript Term Override field is blank on the transcript record. This override is also used in all previous years' transcript records where a valid term descriptor cannot be determined.
Contact Information	

Resource	Description
Contacts	If desired, select the 'Does your LEA want to 'opt-in' to send records for both Contacts and Student ContactAssociation Resources for all students? If not checked, records will still send for Free/Reduced students.' If the checkbox is marked, then Contact records for all students will report based on existing reporting/trigger logic. If the checkbox is not marked, then Contat records for students with an active FRAM Eligibility record with Type = Meal or SES for the current/reporting school year and eligibility is = Free or Reduced will report. 1. A record is considered active when the FRAM end date is greater than or equal to the last instructional date on the calendar 2. Follow all other reporting logic. Map the Contact Languages Override values for Native Language to the appropriate Ed-Fi Code. The code from the Language List Attribute Dictionary will report if it matches an Ed-Fi Code. Only add a record in this section if a Language List does not have a matching Ed-Fi Code and needs to be mapped to a non-matching Ed-Fi Code. 

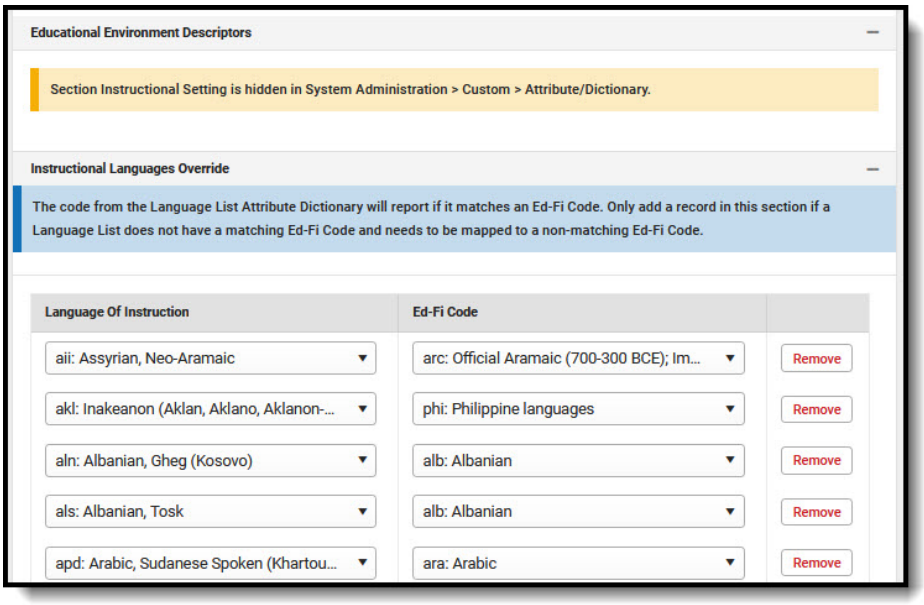
Resource	Description
Student Contact Associations	Map the **Relationship Types** to the appropriate **Ed-Fi Code**.  See the Relationship article for more information.
Schedule Information	
Calendars	Select the appropriate **Ed-Fi Code** for the Calendar Types. 

Resource	Description
Calendar Dates	Select the appropriate **Ed-Fi Code** for the Calendar Event Descriptors. 

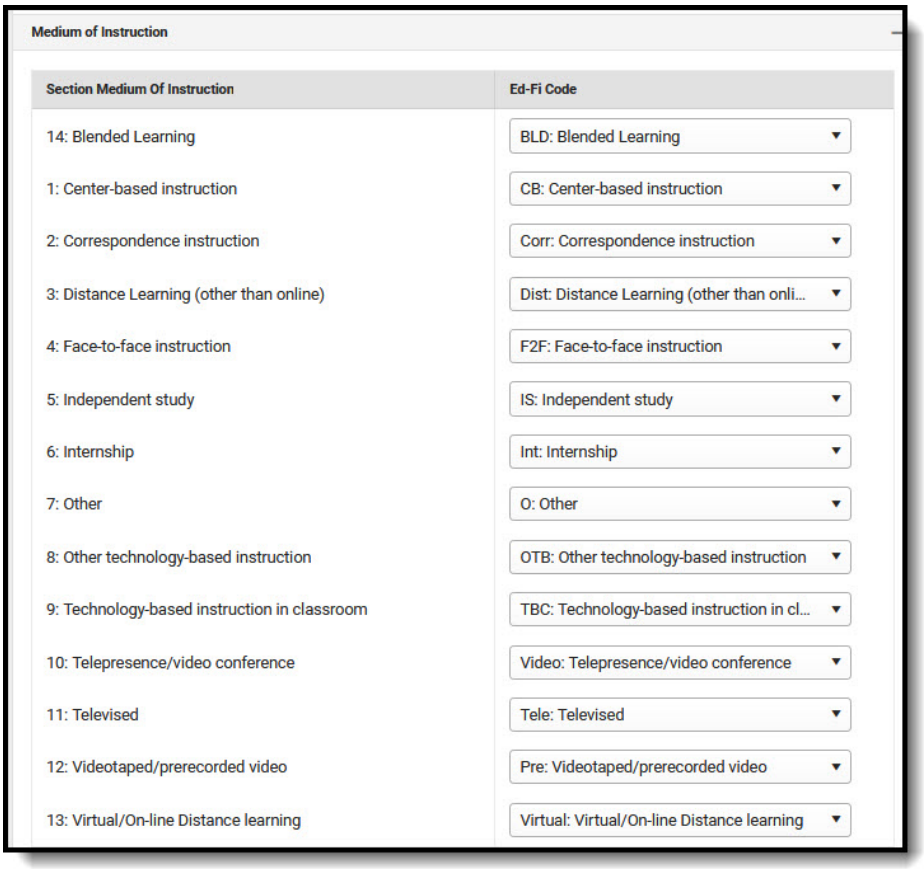
Resource	Description
Course Offerings	Map the **Program Clusters** to the appropriate **Ed-Fi Code**. 
Sections	Map the **Educational Environment Descriptors**, **Instructional**

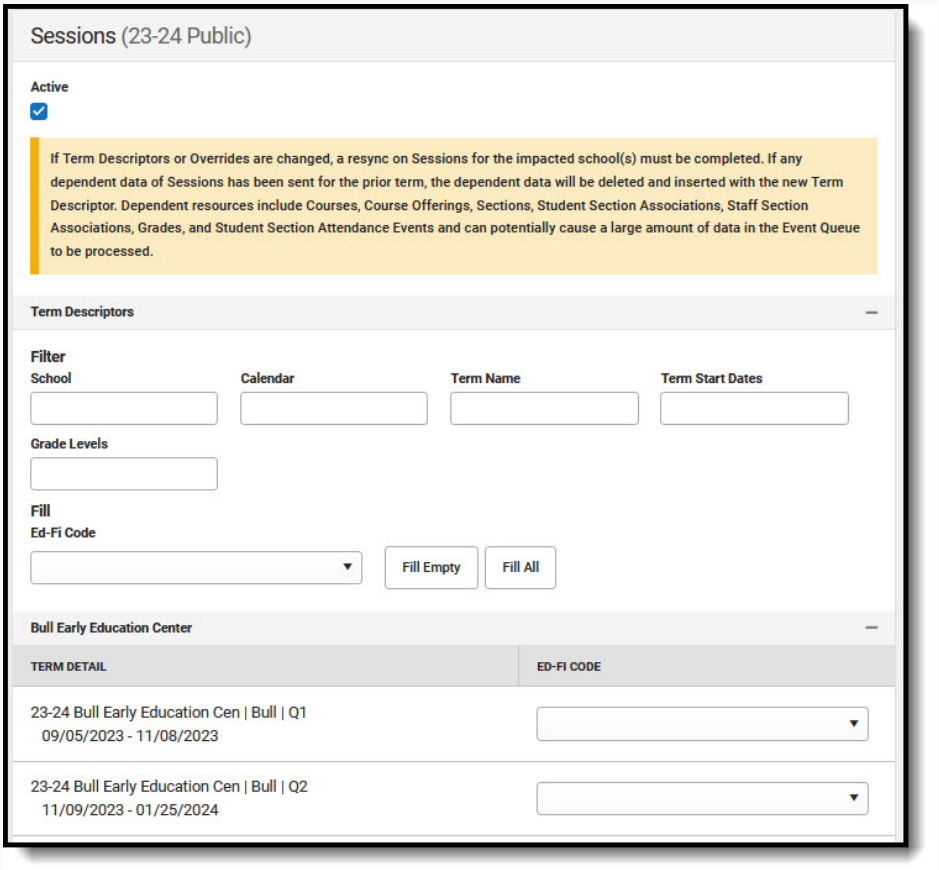
Program Cluster	Ed-Fi Code
10: Agriculture, Food and Natural Resources	1: Agriculture, Food and Natural Resour...
20: Architecture and Construction	2: Architecture and Construction
30: Arts, Audio/Video Technology and Communications	3: Arts, A/V Technology and Communic...
40: Business Management and Administration	4: Business, Management and Administ...
50: Education and Training	5: Education and Training
60: Finance	6: Finance
70: Government and Public Administration	7: Government and Public Administration
80: Health Science	8: Health Science
90: Hospitality and Tourism	9: Hospitality and Tourism
100: Human Services	10: Human Services
110: Information Technology	11: Information Technology
120: Law, Public Safety, Corrections and Security	12: Law, Public Safety, Corrections and ...
130: Manufacturing	13: Manufacturing
140: Marketing	14: Marketing, Sales and Service
150: Science, Technology, Engineering and Mathematics	15: Science, Technology, Engineering an...
160: Transportation, Distribution and Logistics	16: Transportation, Distribution and Log...

Resource	Description
	Languages Override to the appropriate **Ed-Fi Code**. **Note:** The code from the Language List Attribute Dictionary reports if it matches an Ed-Fi Code. Only add a record in this section if a Language List does not have a matching Ed-Fi Code and needs to be mapped to a non-matching Ed-Fi Code.

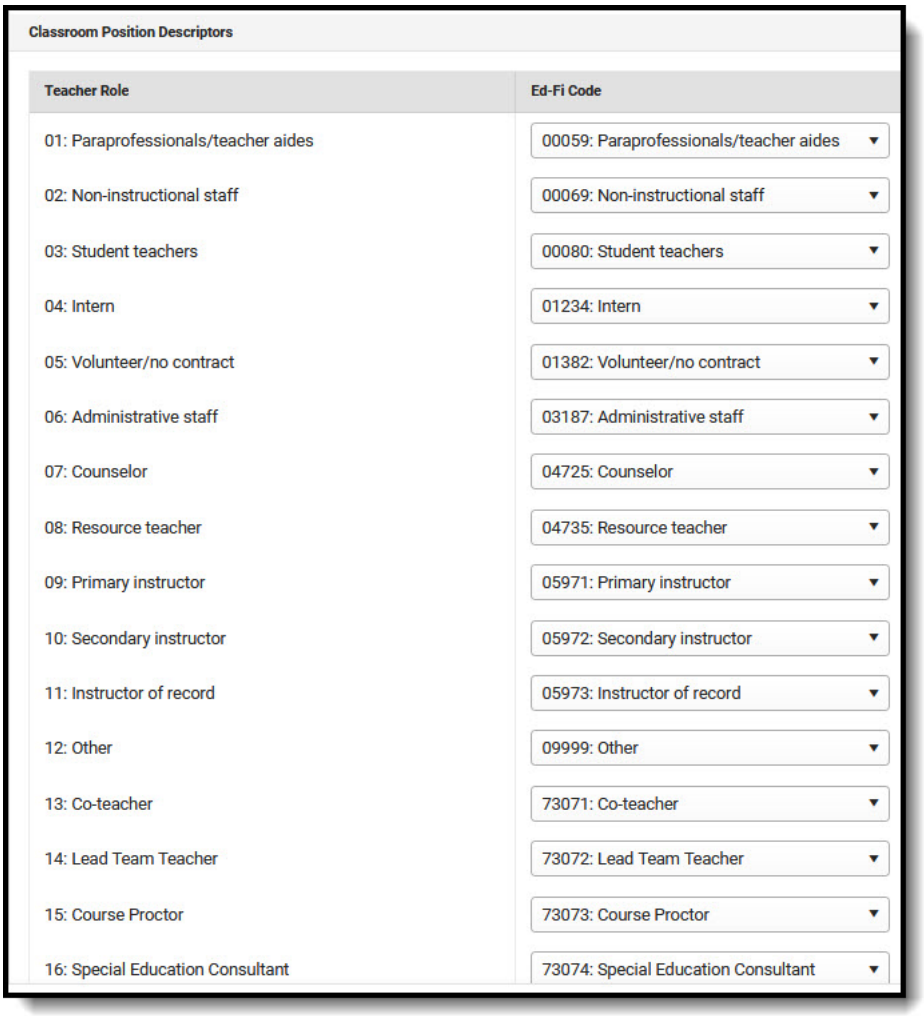
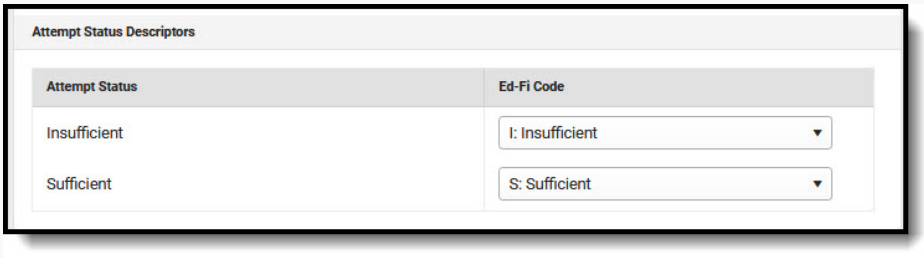


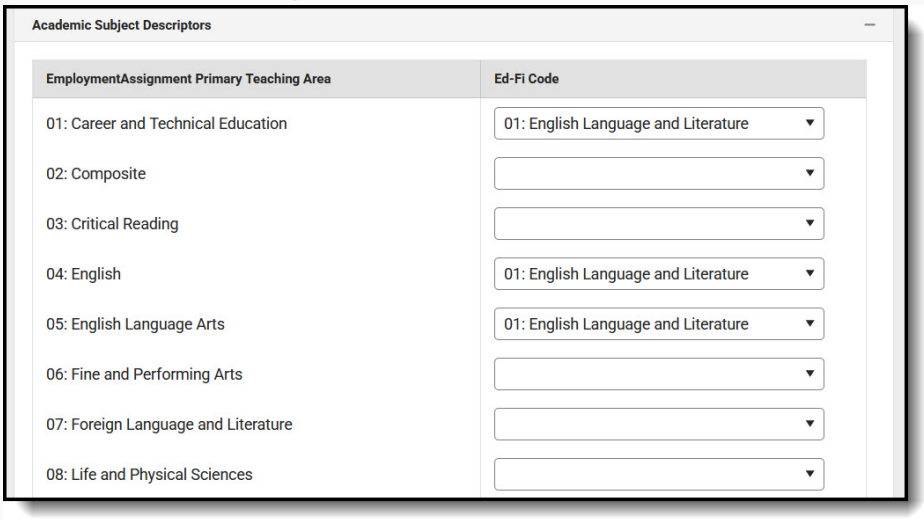
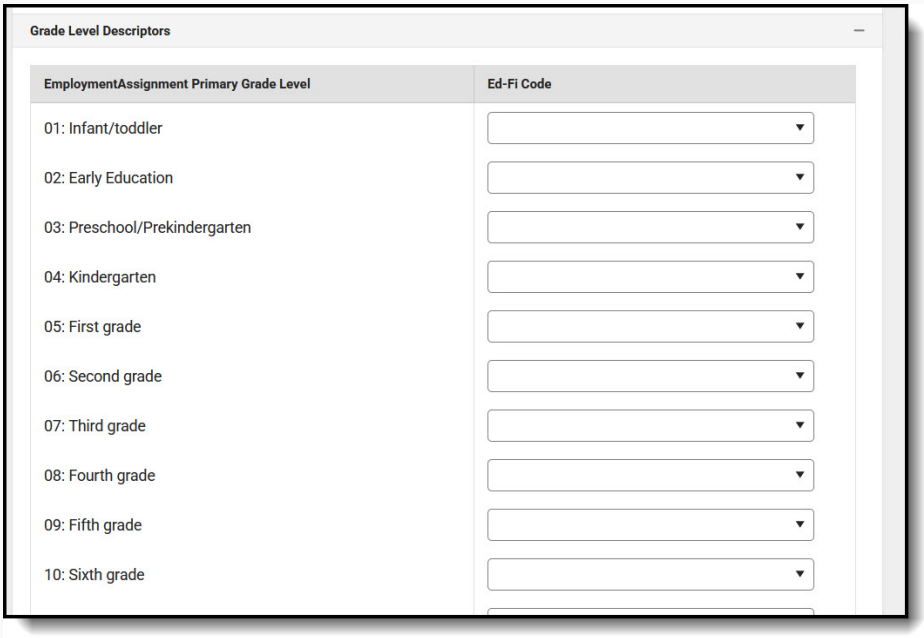
Map the **Medium Of Instruction Descriptors** to the appropriate **Ed-Fi Code**.

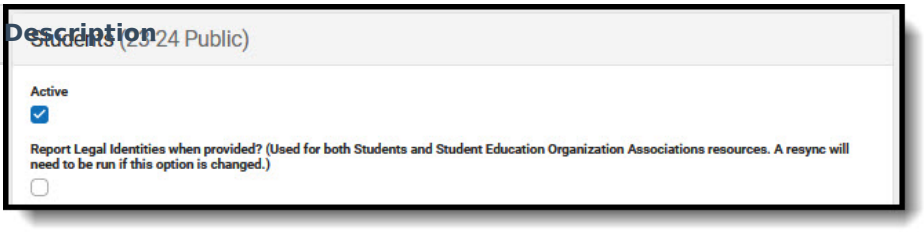
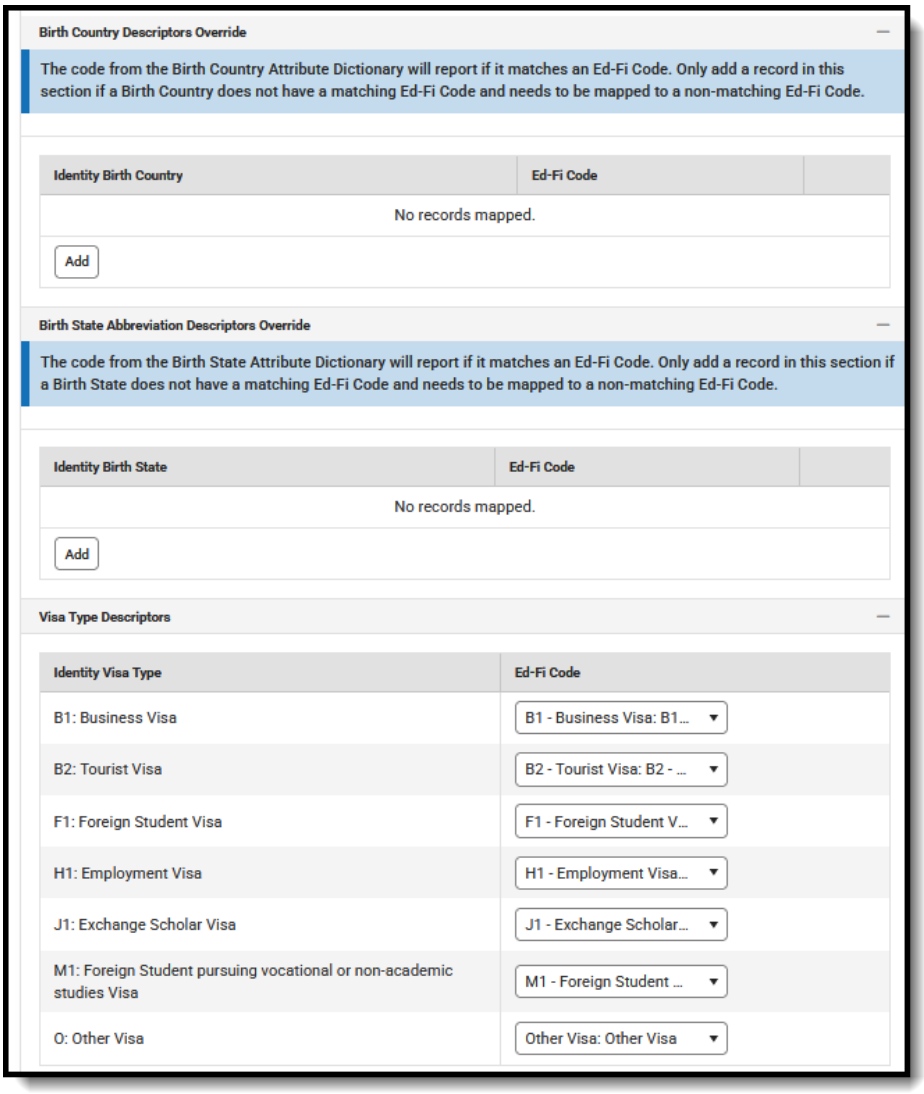


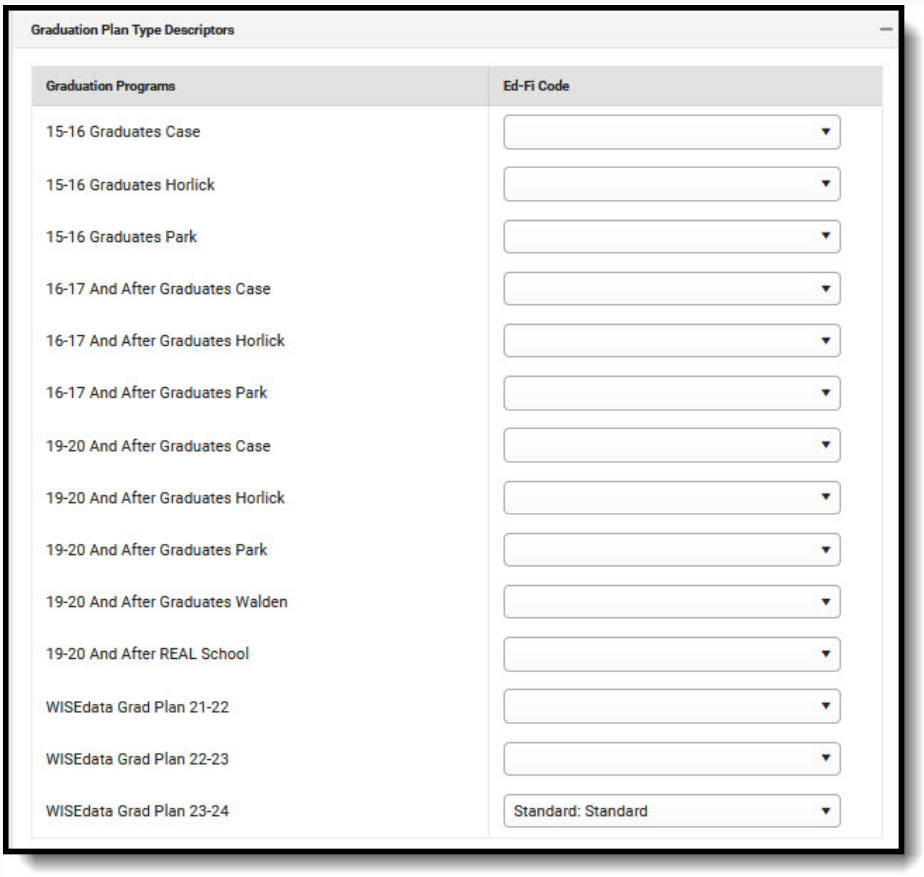
Resource	Description
Sessions	Map the **Term** for each calendar.  Select the Ed-Fi Term Type that matches the majority of the sections within the school. • Example: If quarters are set on the Calendar and the sections are scheduled for 4 quarters, then the Ed-Fi Term Type for all 4 quarters should be set to Full School Year. • Example: If quarters are set on the Calendar and the sections are scheduled for 2 quarters, then the Ed-Fi Term Type should be set to Fall Semester for Q1 and Q2, and Spring Semester set for Q3 and Q4. The same Ed-Fi Term Type can be selected for multiple terms if they should be grouped together to make one term. The earliest Start Date and latest End Date will be used in reporting the Sessions resource.

Resource	Description
	When Term Descriptors are changed, a resync on Sessions for the impacted school(s) must be completed. If any dependent data of Sessions has been sent for the prior term, the dependent data will be deleted and inserted with the new Term Descriptor. Dependent resources include Courses, Course Offerings, Sections, Student Section Associations, Staff Section Associations, Grades, and Student Section Attendance Events and can potentially cause a large amount of data in the Event Queue to be processed. Term Descriptor Overrides should only be set on a course or section if it does not use the same term that is set on the Term Schedule in Step #1. A new Sessions resource will be created using the Section Placements to determine the Start and End Dates. When Term Descriptor Overrides are changed, a resync on Sessions for the impacted school(s) must be completed. If any dependent data of Sessions has been sent for the prior term, the dependent data will be deleted and inserted with the new Term Descriptor Override. Dependent resources include Courses, Course Offerings, Sections, Student Section Associations, Staff Section Associations, Grades, and Student Section Attendance Events and can potentially cause a large amount of data in the Event Queue to be processed. **Additional Sessions Information** Click here to expand... **Multiple Term Schedules** Using multiple Term Schedules with Ed-Fi is not supported due to the natural key conflicts with the Ed-Fi framework. If you have courses or sections that align to a different Term Schedule than what is set for Term Descriptors on the Primary Term Schedule, you must use the Ed-Fi Term Override fields on the Course or Section in order to report the proper Term Descriptors to Ed-Fi. All other data that reports to Ed-Fi with a Sessions reference will report from the Primary Term schedule only. There is an **Ed-Fi Term Descriptor Override** checkbox on the Course Editor and Course Section Editor if the Calendar Term selection needs to be different for certain courses or certain course sections. Once the Ed-Fi Term Descriptor Override checkbox is checked, alternate Terms can be set in the Sessions Resource Preferences.

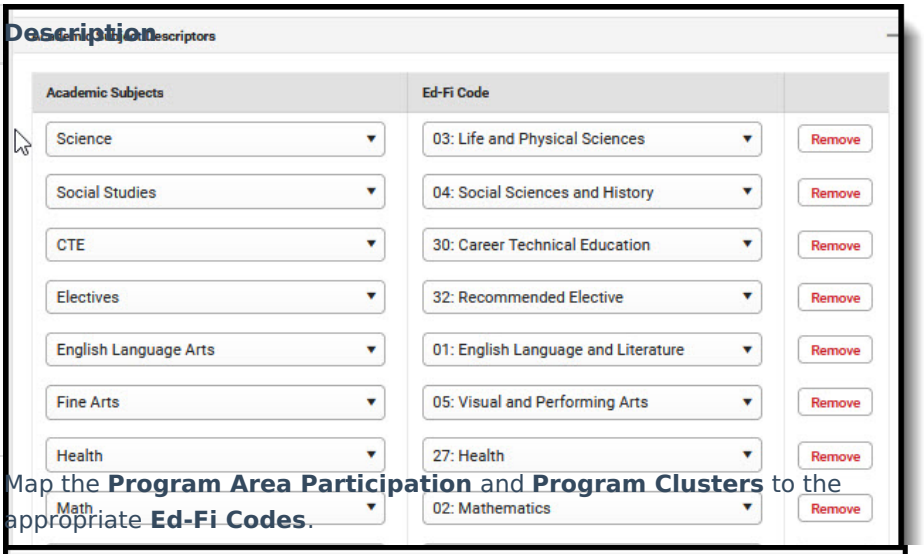
Resource	Description
Staff Section Association	Map the **Teacher Role** to the appropriate **Ed-Fi Code**. 
Student Section Association	Map the **Attempt Status Descriptors** to the appropriate **Ed-Fi Code**. 
Staff Information	

Resource	Description
Staff School Associations	Map the **Academic Subject Descriptors** to the appropriate **Ed-Fi Code**.  Map the **Grade Level Descriptors** to the appropriate **Ed-Fi Code**. 
Staff Education Organization Contact Associations	No additional configuration is needed.
Student Information	
Students	The checkbox at the top of the page allows users the option to report Legal Identities in the Students and Student Education Organization Associations resources.

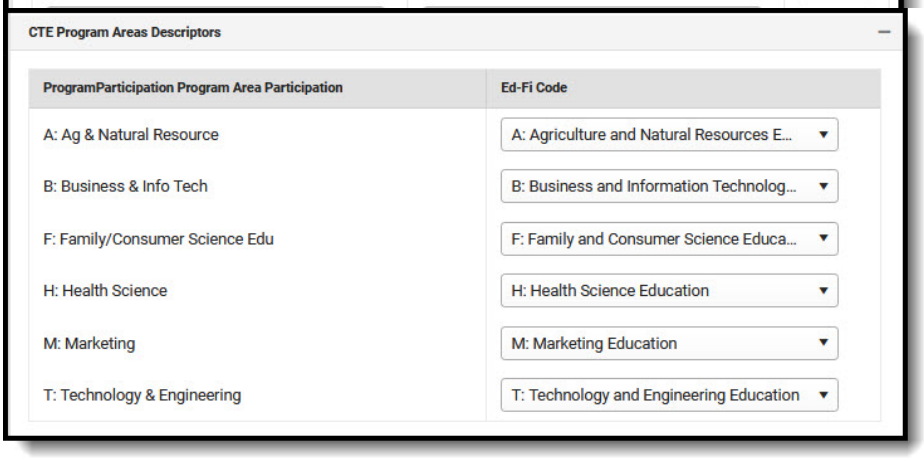
Resource	Description
	 Map the **Birth Country, Birth State,** and **Visa Types** to the appropriate **Ed-Fi Codes**. 
Graduation Plans	**For Department of Corrections Only:** Graduation Plans need to be sent both at the district-level and school-level for the Wisconsin Department of Corrections only starting with 2021-22 school year. A checkbox at the top of the Graduation Plans resource preferences allows the DoC to report Graduation Plans data by school. Users will need to mark the checkbox, click Save, and then navigate back to the Graduation Plans resource preferences in

Resource	Description
	order to see the updated mappings once the checkbox has been marked.  Map the **Graduation Plans** and **Academic Subjects** to the appropriate **Ed-Fi Codes**. 

Resource	Description
Student CTE Program Associations	Map the **Program Area Participation** and **Program Clusters** to the appropriate **Ed-Fi Codes**.

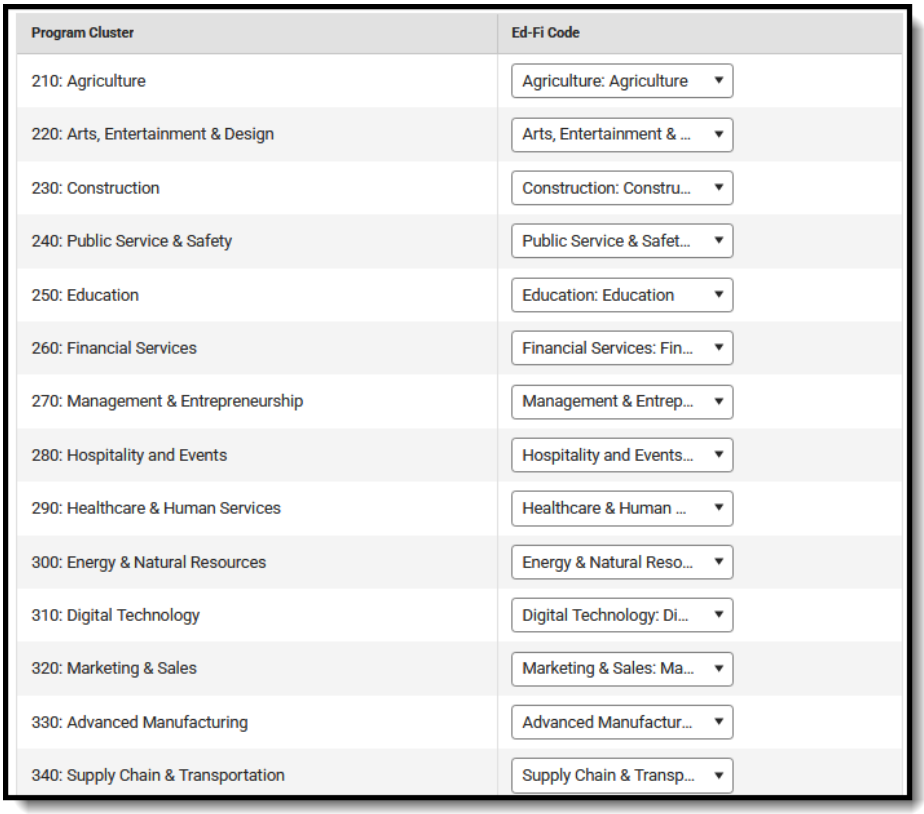


Academic Subjects	Ed-Fi Code	
Science	03: Life and Physical Sciences	Remove
Social Studies	04: Social Sciences and History	Remove
CTE	30: Career Technical Education	Remove
Electives	32: Recommended Elective	Remove
English Language Arts	01: English Language and Literature	Remove
Fine Arts	05: Visual and Performing Arts	Remove
Health	27: Health	Remove
Math	02: Mathematics	Remove

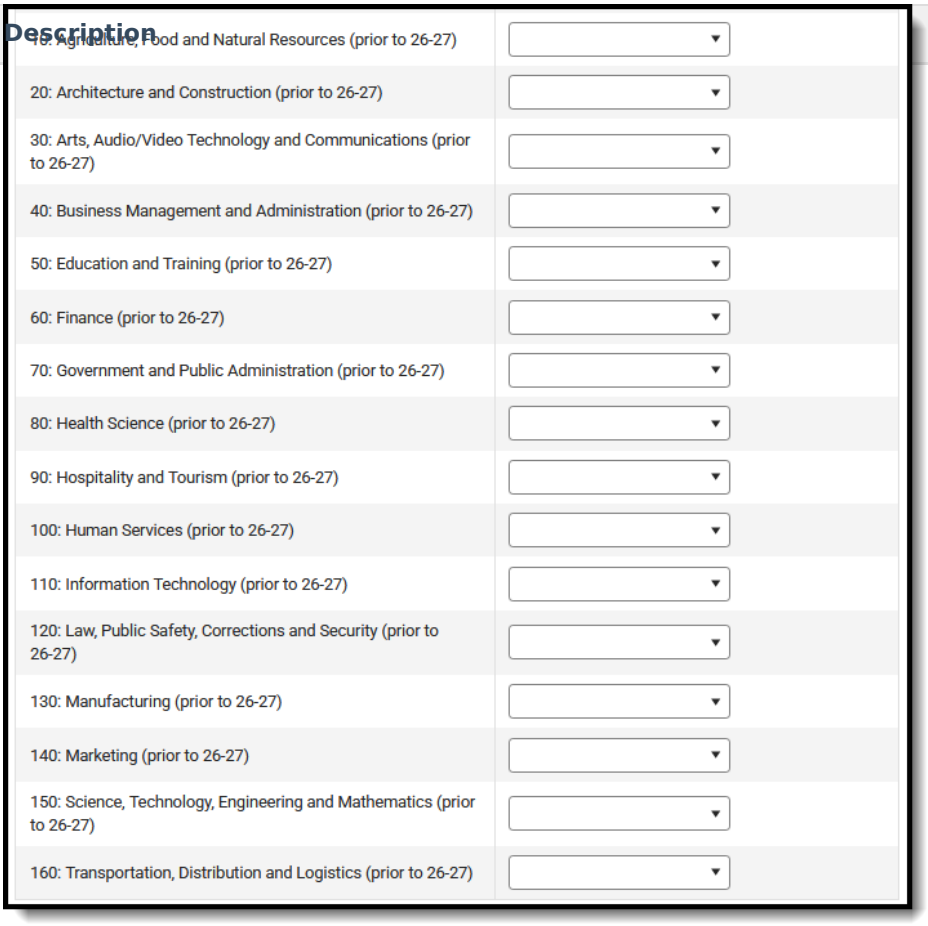


CTE Program Areas Descriptors

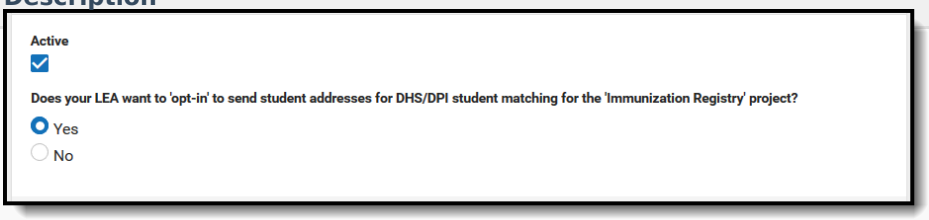
ProgramParticipation Program Area Participation	Ed-Fi Code
A: Ag & Natural Resource	A: Agriculture and Natural Resources E...
B: Business & Info Tech	B: Business and Information Technolog...
F: Family/Consumer Science Edu	F: Family and Consumer Science Educa...
H: Health Science	H: Health Science Education
M: Marketing	M: Marketing Education
T: Technology & Engineering	T: Technology and Engineering Education



Program Cluster	Ed-Fi Code
210: Agriculture	Agriculture: Agriculture
220: Arts, Entertainment & Design	Arts, Entertainment & ...
230: Construction	Construction: Constru...
240: Public Service & Safety	Public Service & Safet...
250: Education	Education: Education
260: Financial Services	Financial Services: Fin...
270: Management & Entrepreneurship	Management & Entrep...
280: Hospitality and Events	Hospitality and Events...
290: Healthcare & Human Services	Healthcare & Human ...
300: Energy & Natural Resources	Energy & Natural Reso...
310: Digital Technology	Digital Technology: Di...
320: Marketing & Sales	Marketing & Sales: Ma...
330: Advanced Manufacturing	Advanced Manufactur...
340: Supply Chain & Transportation	Supply Chain & Transp...

Resource	Description
	
Student Education Organization	Answer the following question at the top of the page. "Does your LEA want to 'opt in' to send student addresses for DHS/DPI student matching for the

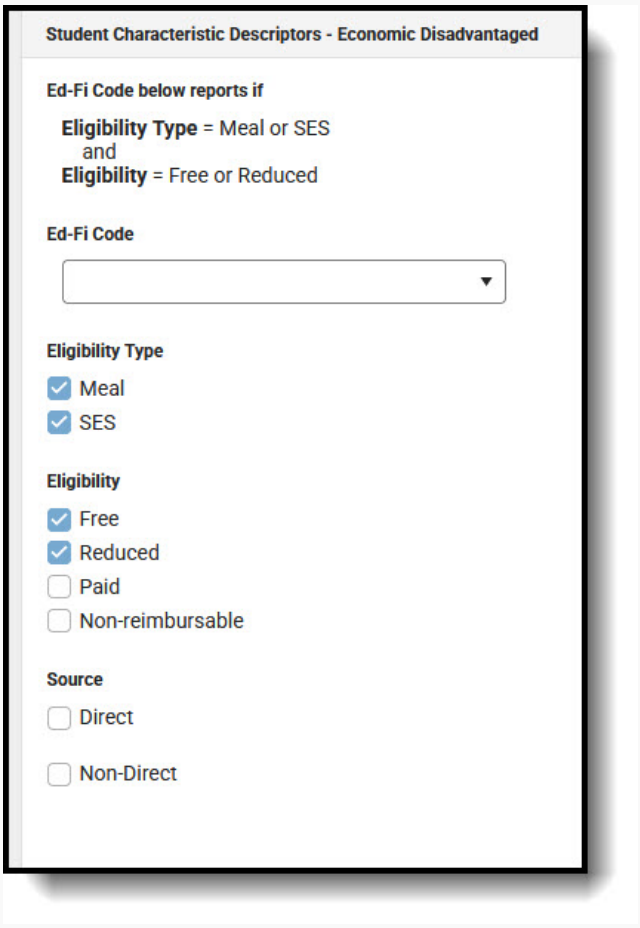
Resource	Description
Associations	'immunization Registry' project?'



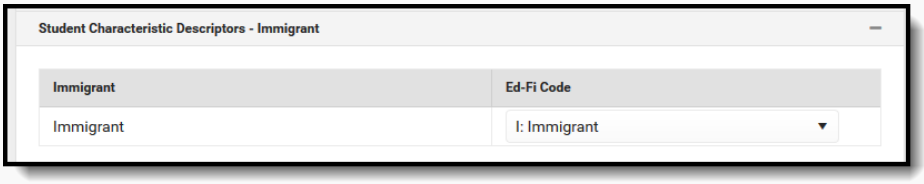
Map the following:

Click here to expand...

Student Characteristic Descriptors - Economic Disadvantaged: An indication of inadequate financial condition of an individual's family. Select the Eligibility Type, Eligibility, and Source options that will be included in the mapping.

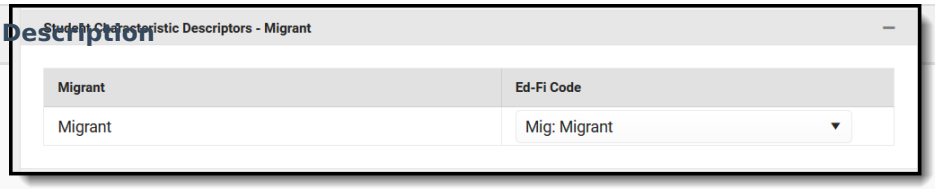


Student Characteristic Descriptors - Immigrant: Indicates the student has been identified as Immigrant.

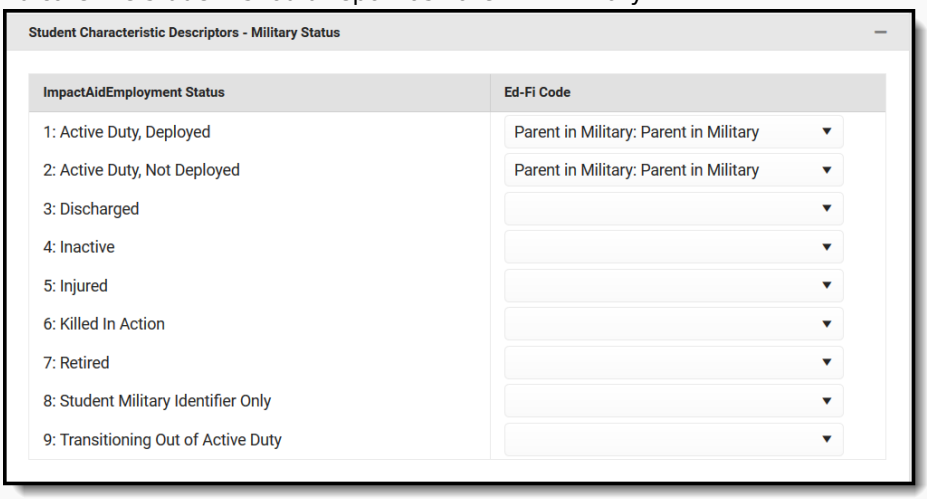


Student Characteristic Descriptors - Migrant: Indicates the student has been identified as Migrant.

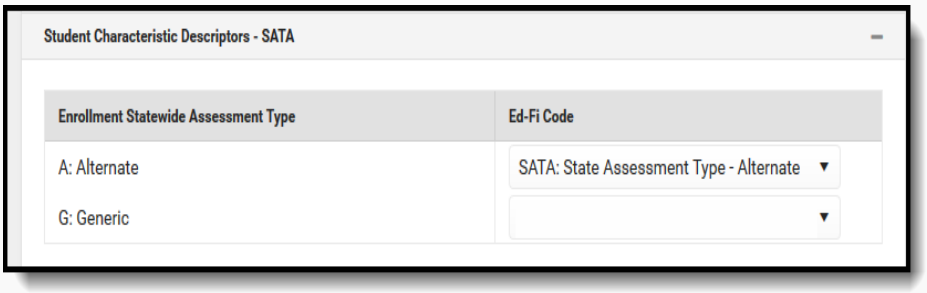
Resource	Description



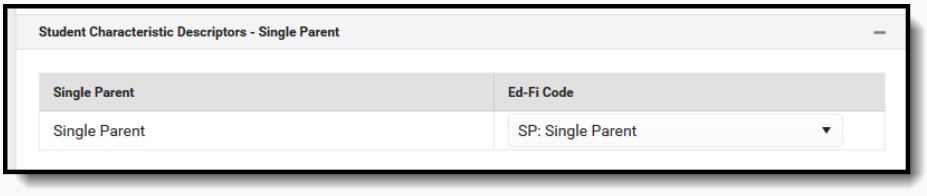
Student Characteristic Descriptors - Military Status: Reports the student's relationship with a Guardian that has an active Military Connections record. Only add an Ed-Fi Code to the Impact Aid Employment Statuses that indicate the student should report as Parent in Military.



Student Characteristic Descriptors - SATA: Identification of whether or not a student is expected to take the general or alternate assessment.

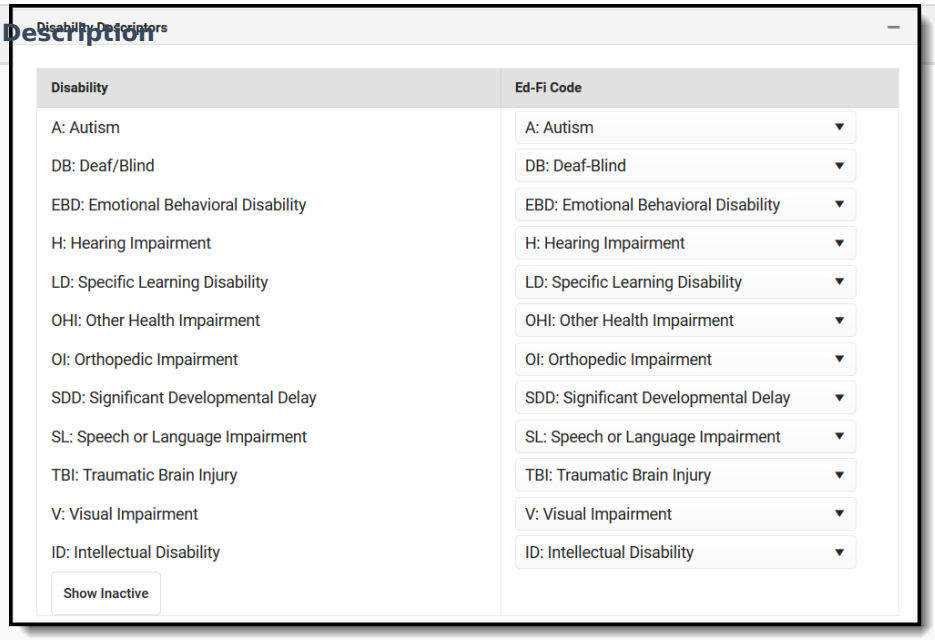


Student Characteristic Descriptors - Single Parent: Indicates the student has been identified as a Teen Single Parent.

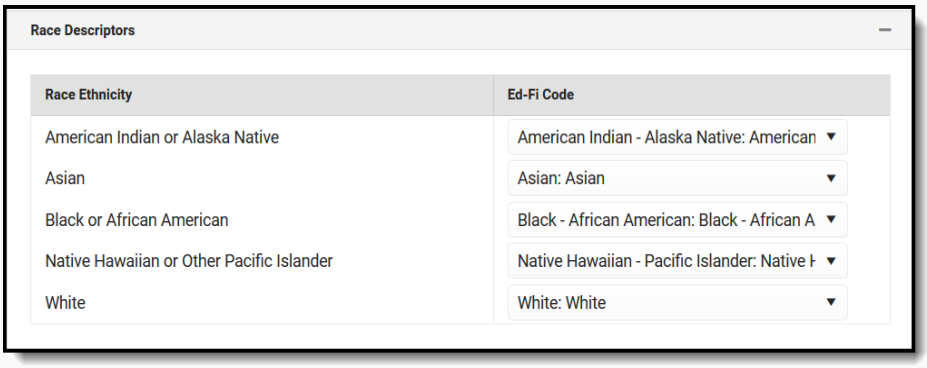


Select the appropriate **Ed-Fi Code** for the Disability Descriptors. Note: This mapping is not used for Public Profiles.

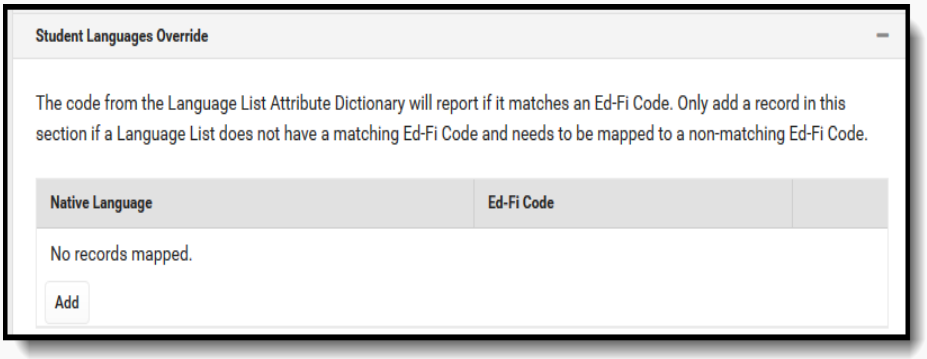
Resource	Description



Select the appropriate Ed-Fi Code for the Race Descriptors**:** The general racial category which most clearly reflects the individual's recognition of his or her community or with which the individual most identifies.

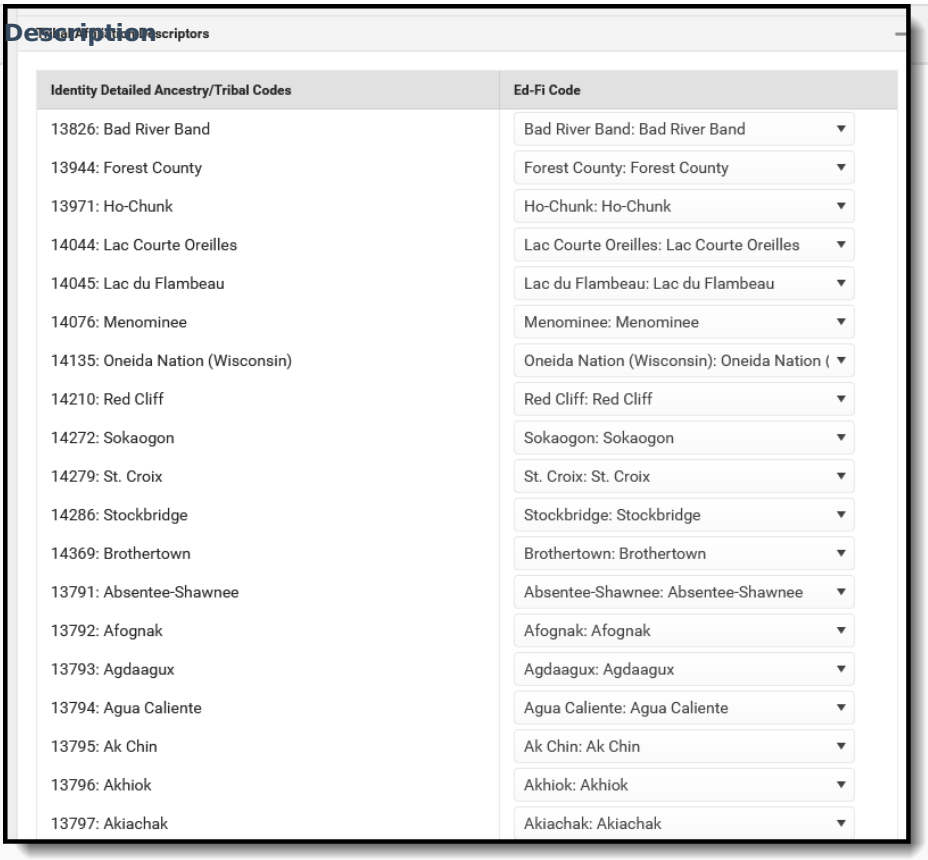


Select the appropriate Ed-Fi Code for the Student Language Override**:** The language the individual uses to communicate.
The Student Language Override mapping only needs to be populated if the code does not match a code that is in the Ed-Fi Code list.



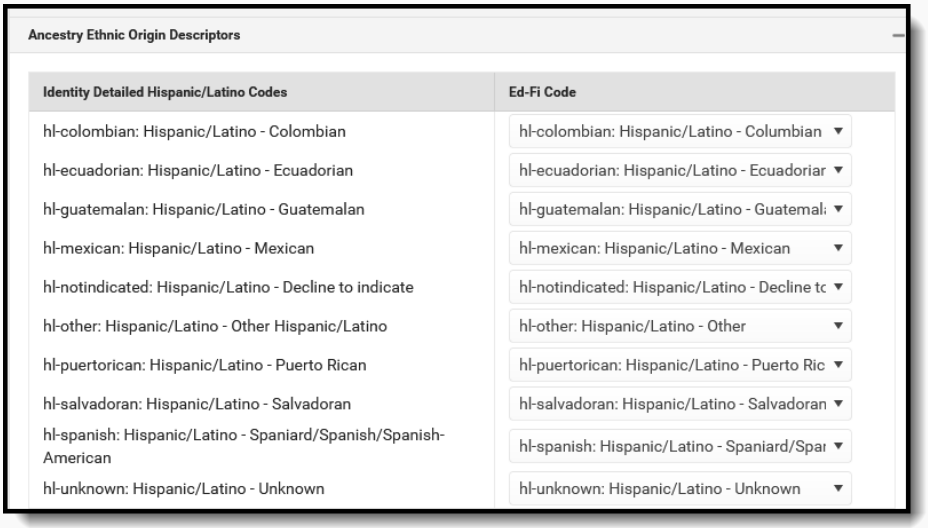
Select the appropriate **Ed-Fi Code** for the Tribal Affiliation Descriptors.

Resource	Description



Identity Detailed Ancestry/Tribal Codes	Ed-Fi Code
13826: Bad River Band	Bad River Band: Bad River Band
13944: Forest County	Forest County: Forest County
13971: Ho-Chunk	Ho-Chunk: Ho-Chunk
14044: Lac Courte Oreilles	Lac Courte Oreilles: Lac Courte Oreilles
14045: Lac du Flambeau	Lac du Flambeau: Lac du Flambeau
14076: Menominee	Menominee: Menominee
14135: Oneida Nation (Wisconsin)	Oneida Nation (Wisconsin): Oneida Nation (
14210: Red Cliff	Red Cliff: Red Cliff
14272: Sokaogon	Sokaogon: Sokaogon
14279: St. Croix	St. Croix: St. Croix
14286: Stockbridge	Stockbridge: Stockbridge
14369: Brothertown	Brothertown: Brothertown
13791: Absentee-Shawnee	Absentee-Shawnee: Absentee-Shawnee
13792: Afognak	Afognak: Afognak
13793: Agdaagux	Agdaagux: Agdaagux
13794: Agua Caliente	Agua Caliente: Agua Caliente
13795: Ak Chin	Ak Chin: Ak Chin
13796: Akhiok	Akhiok: Akhiok
13797: Akiachak	Akiachak: Akiachak

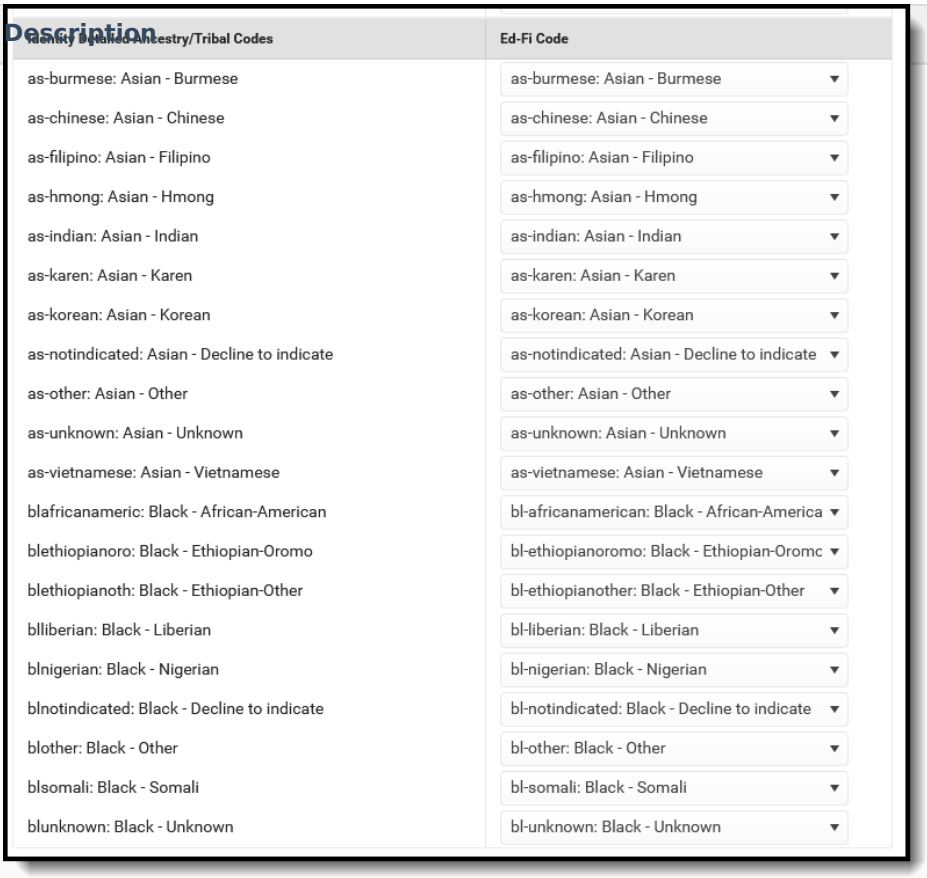
Select the appropriate **Ed-Fi Code** for the Ancestry Ethnic Origin Descriptors.



Ancestry Ethnic Origin Descriptors

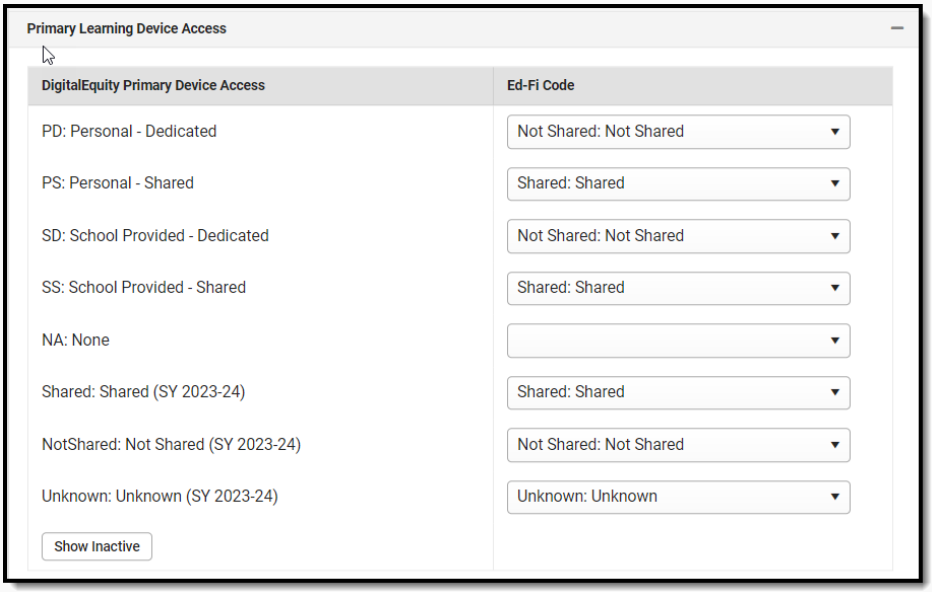
Identity Detailed Hispanic/Latino Codes	Ed-Fi Code
hl-colombian: Hispanic/Latino - Colombian	hl-colombian: Hispanic/Latino - Columbian
hl-ecuadorian: Hispanic/Latino - Ecuadorian	hl-ecuadorian: Hispanic/Latino - Ecuadorian
hl-guatemalan: Hispanic/Latino - Guatemalan	hl-guatemalan: Hispanic/Latino - Guatemal
hl-mexican: Hispanic/Latino - Mexican	hl-mexican: Hispanic/Latino - Mexican
hl-notindicated: Hispanic/Latino - Decline to indicate	hl-notindicated: Hispanic/Latino - Decline to
hl-other: Hispanic/Latino - Other Hispanic/Latino	hl-other: Hispanic/Latino - Other
hl-puertorican: Hispanic/Latino - Puerto Rican	hl-puertorican: Hispanic/Latino - Puerto Ric
hl-salvadoran: Hispanic/Latino - Salvadoran	hl-salvadoran: Hispanic/Latino - Salvadoran
hl-spanish: Hispanic/Latino - Spaniard/Spanish/Spanish-American	hl-spanish: Hispanic/Latino - Spaniard/Spar
hl-unknown: Hispanic/Latino - Unknown	hl-unknown: Hispanic/Latino - Unknown

Resource	Description



Identity Updated-Ancestry/Tribal Codes	Ed-Fi Code
as-burmese: Asian - Burmese	as-burmese: Asian - Burmese
as-chinese: Asian - Chinese	as-chinese: Asian - Chinese
as-filipino: Asian - Filipino	as-filipino: Asian - Filipino
as-hmong: Asian - Hmong	as-hmong: Asian - Hmong
as-indian: Asian - Indian	as-indian: Asian - Indian
as-karen: Asian - Karen	as-karen: Asian - Karen
as-korean: Asian - Korean	as-korean: Asian - Korean
as-notindicated: Asian - Decline to indicate	as-notindicated: Asian - Decline to indicate
as-other: Asian - Other	as-other: Asian - Other
as-unknown: Asian - Unknown	as-unknown: Asian - Unknown
as-vietnamese: Asian - Vietnamese	as-vietnamese: Asian - Vietnamese
blafricanameric: Black - African-American	bl-africanamerican: Black - African-America
blethiopianoro: Black - Ethiopian-Oromo	bl-ethiopianoromo: Black - Ethiopian-Oromc
blethiopianoth: Black - Ethiopian-Other	bl-ethiopianother: Black - Ethiopian-Other
blliberian: Black - Liberian	bl-liberian: Black - Liberian
blnigerian: Black - Nigerian	bl-nigerian: Black - Nigerian
blnotindicated: Black - Decline to indicate	bl-notindicated: Black - Decline to indicate
blother: Black - Other	bl-other: Black - Other
blsomali: Black - Somali	bl-somali: Black - Somali
blunknown: Black - Unknown	bl-unknown: Black - Unknown

Select the appropriate **Ed-Fi Code** for the Primary Learning Device Access Descriptors.



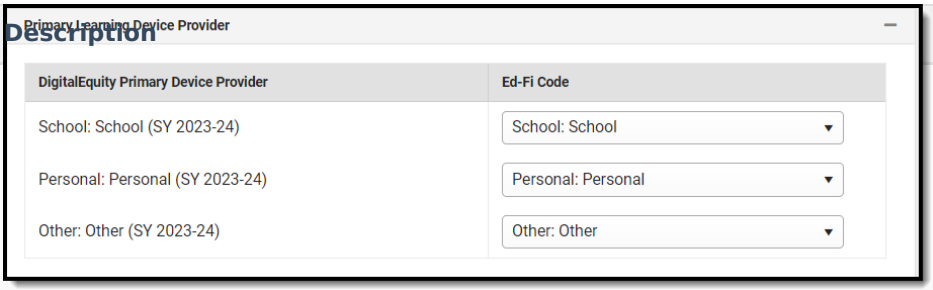
Primary Learning Device Access

DigitalEquity Primary Device Access	Ed-Fi Code
PD: Personal - Dedicated	Not Shared: Not Shared
PS: Personal - Shared	Shared: Shared
SD: School Provided - Dedicated	Not Shared: Not Shared
SS: School Provided - Shared	Shared: Shared
NA: None	
Shared: Shared (SY 2023-24)	Shared: Shared
NotShared: Not Shared (SY 2023-24)	Not Shared: Not Shared
Unknown: Unknown (SY 2023-24)	Unknown: Unknown

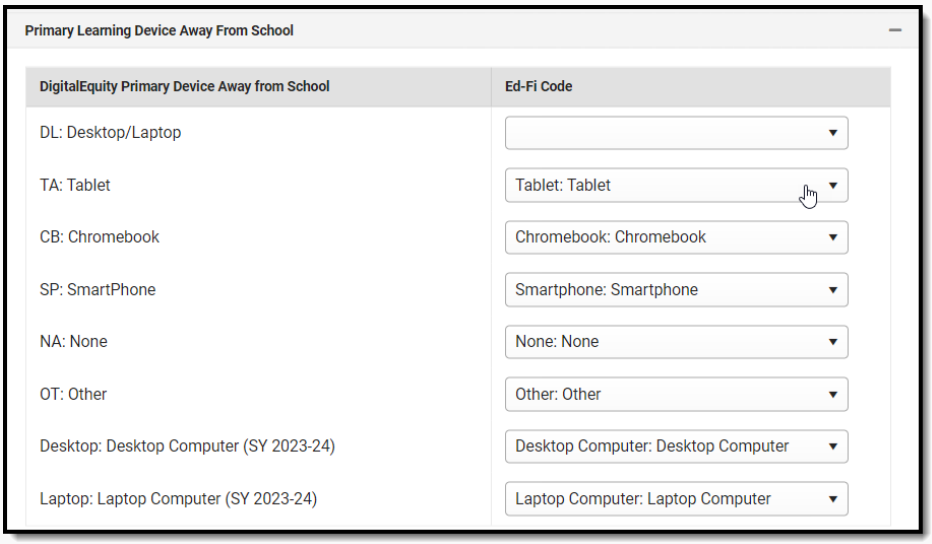
Show Inactive

Select the appropriate **Ed-Fi Code** for the Primary Learning Device Provider Descriptors.

Resource	Description



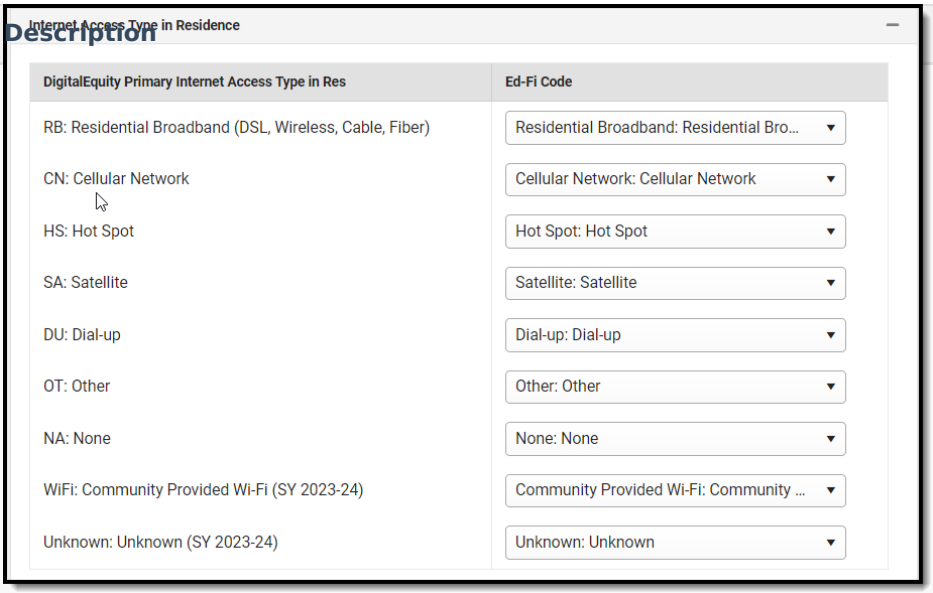
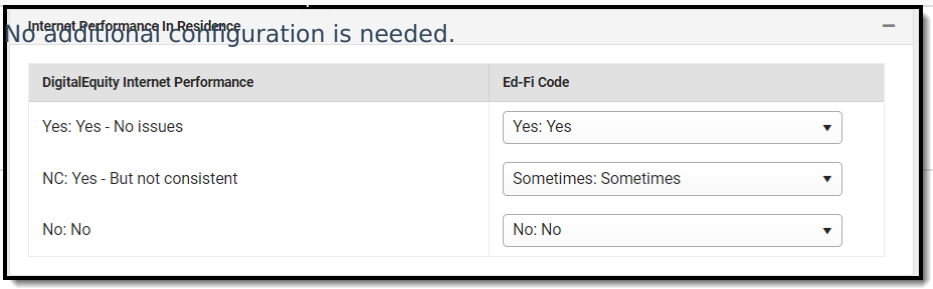
Select the appropriate **Ed-Fi Code** for the Primary Learning Device Away From School Descriptors.

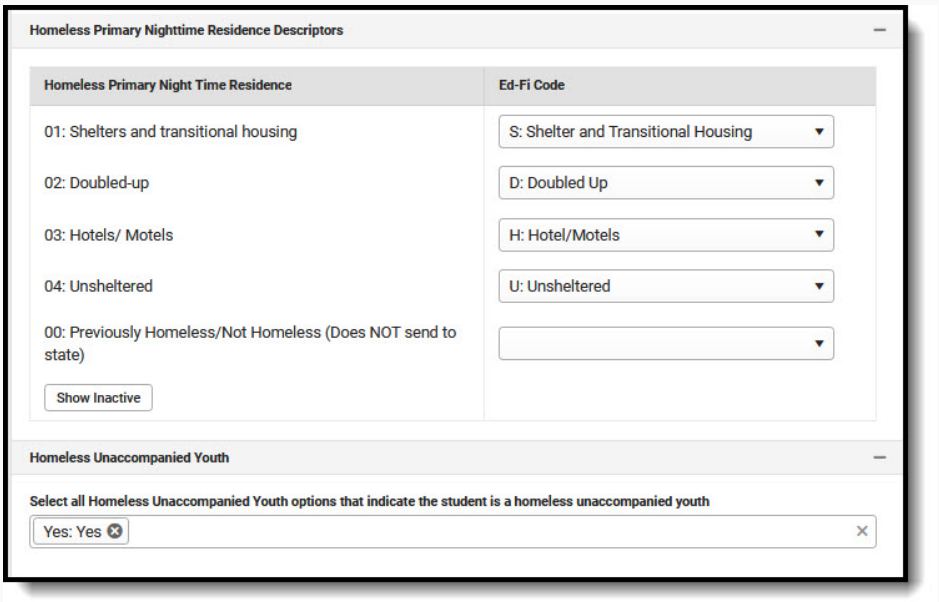


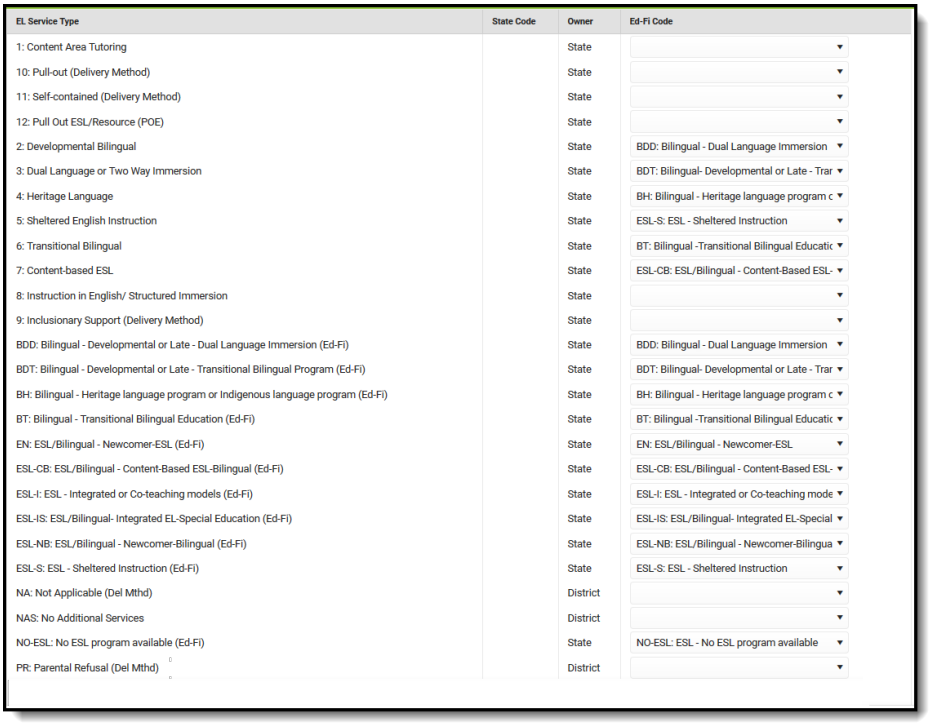
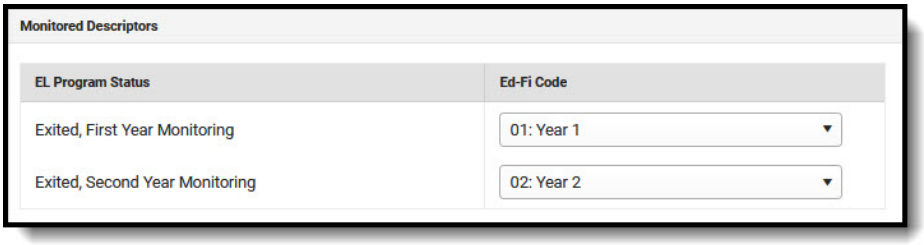
Select the appropriate **Ed-Fi Code** for the Internet Access in Residence Descriptors.



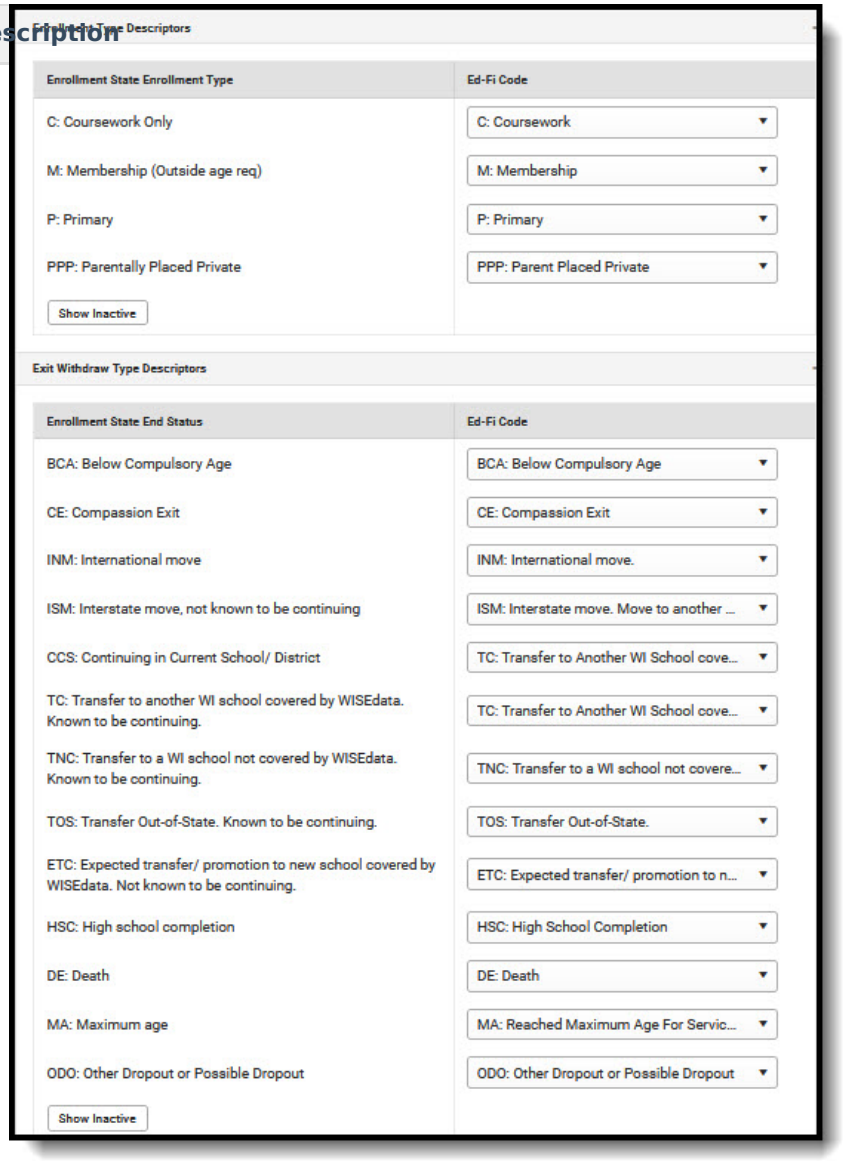
Select the appropriate **Ed-Fi Code** for the Internet Access Type in Residence Descriptors.

Resource	Description
	 Select the appropriate **Ed-Fi Code** for the Barrier to Internet Access in Residence Descriptors.  Select the appropriate **Ed-Fi Code** for the Internet Performance Descriptors.
Student Education Organization Responsibility Associations	No additional configuration is needed. 

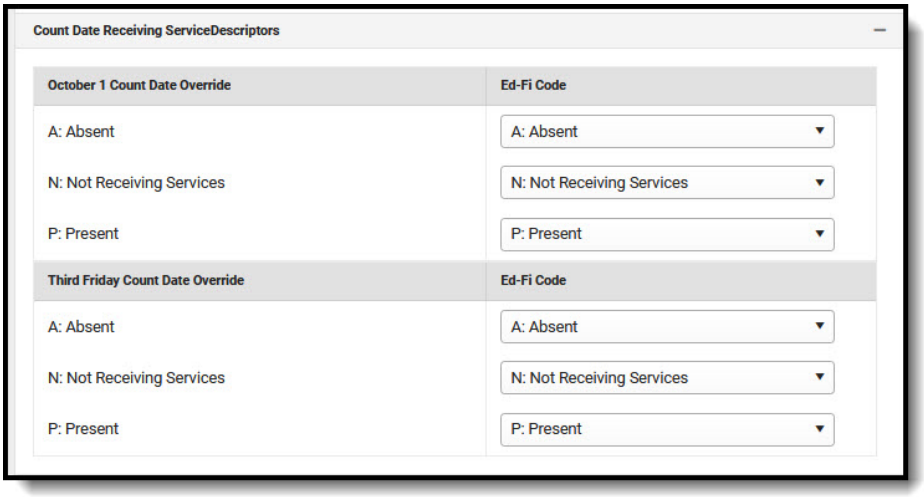
Resource	Description
Student Homeless Program Associations	Map **Homeless Primary Nighttime Residence** and **Homeless Unaccompanied Youth**. 

Resource	Description
Student Language Instruction Program Associations	Map the **EL Service Type Codes**. The filter option at the top of the section can be used to filter by Behavior Resolution Type, State Code, and/or Owner. The various filter fields determine which information displays. The Fill options can be used to fill the Ed-Fi Code fields.  Map the **EL Program Status** to the appropriate **Ed-Fi Codes**. 
Student Program Associations	No additional configuration is needed.
Student School Associations	Map the **State Enrollment Types** and **Enrollment State End Statuses**.

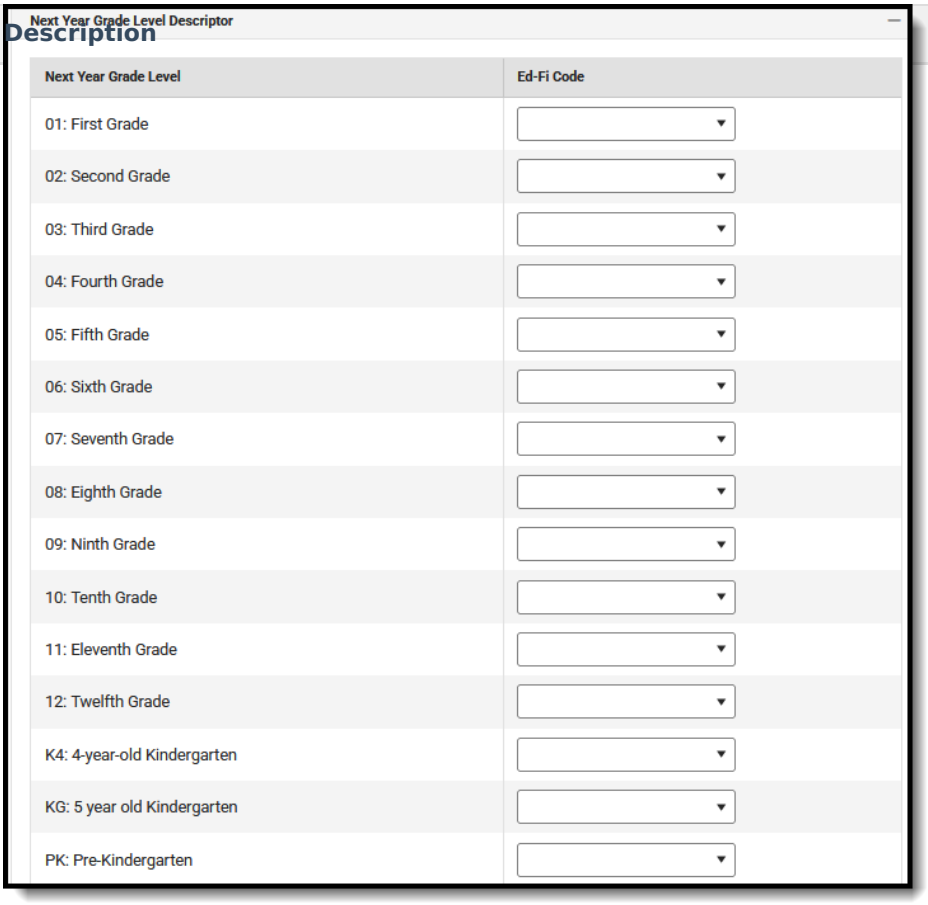
Resource	Description



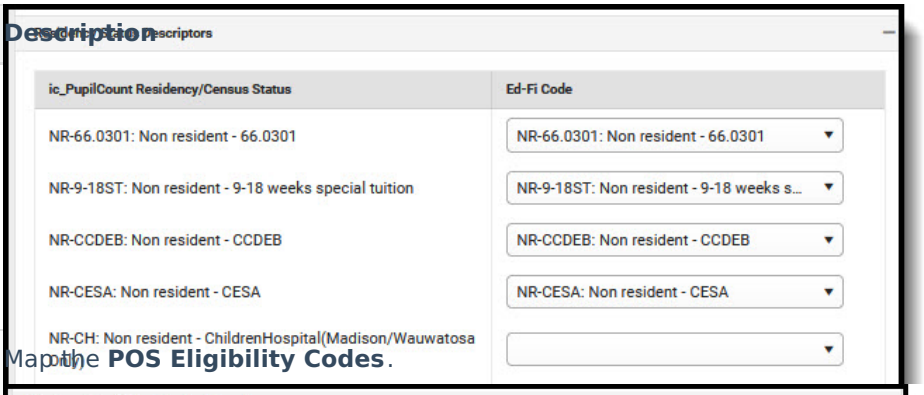
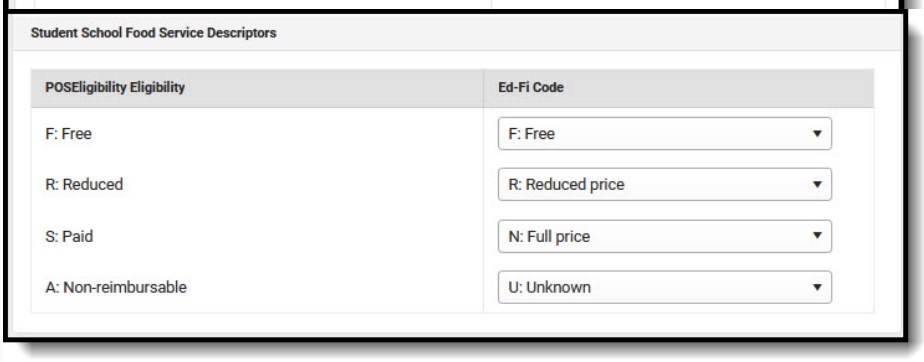
Map the **Count Date Receiving Service Descriptors**.

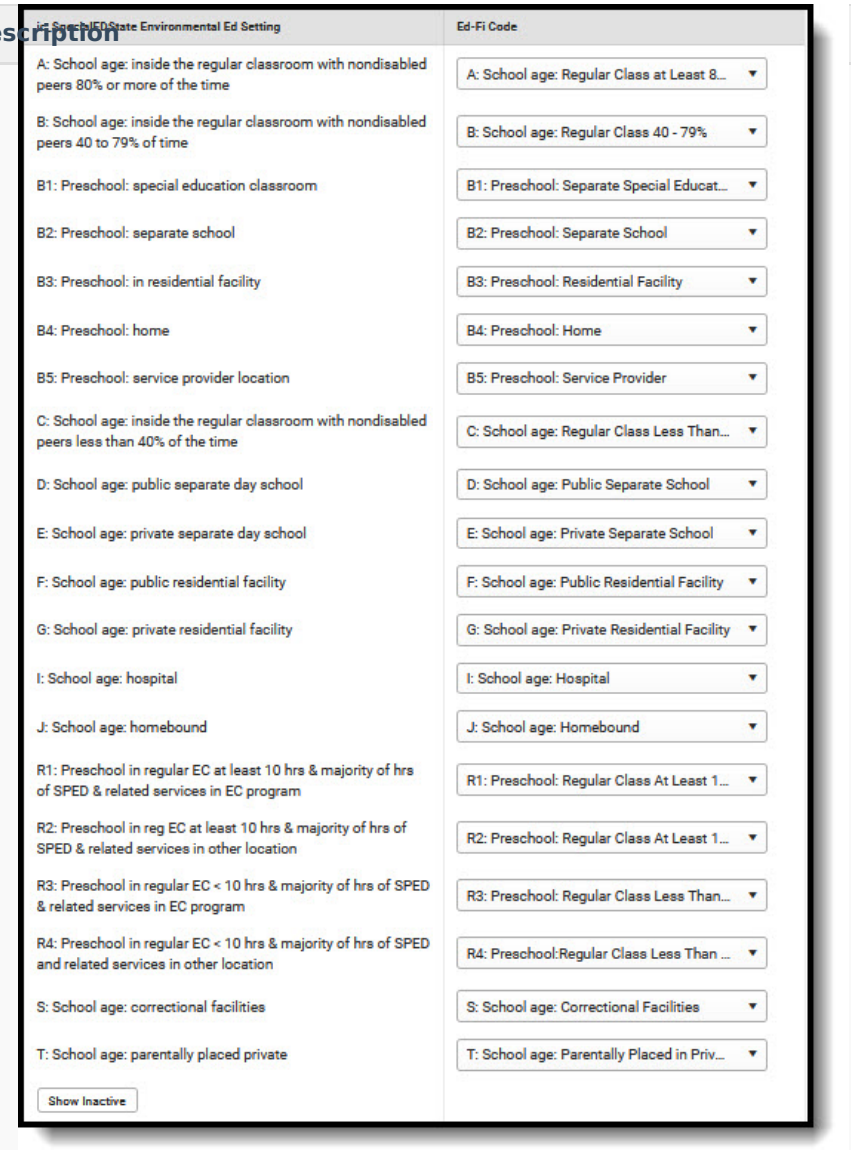
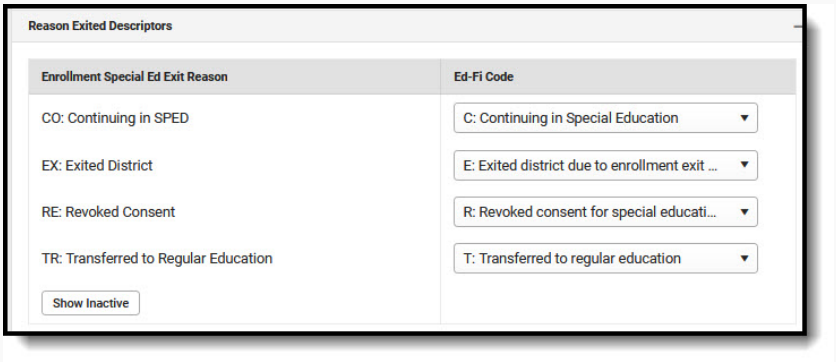


Map the **Next Year Grade Level Descriptors**.

Resource	Description
	

Map the **Residency Status Descriptors**.**(For 2023-24 Configurations or later only)**

Resource	Description
	
Student School Food Service Program Associations	Map the **POS Eligibility Codes**. 
Student Section 504 Program Associations	No additional configuration is needed. 
Student Special Education Program Associations	Map the **Enrollment Special Ed Environmental Settings**, **Enrollment Special Exit Reason**, and **Disability Descriptors**.

Resource	Description
	
	

Resource	Description
Student Special Education Program Eligibility Associations	No additional configuration is needed.

