

Sections (New Mexico v3.5)

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Tool Search: Ed-Fi

This educational entity represents a setting in which organized instruction of course content is provided to one or more students for a given period of time. A course may be offered to more than one class/section. Instruction, provided by one or more teachers or other staff members, may be delivered in person or via a different medium.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a section is created and saved. <ul style="list-style-type: none"> • Section Placement is required in order for the section to send. • 1 record will report for each Section and Term Type combination. • Do not send records if the Calendar Exclude check box is checked. • Do not send records if the course is marked inactive or State Exclude. • Do not send if the School Exclude check box is checked. • Do not send if Summer School is checked on calendar.
Post	When Section Placement is changed and saved on a section.
Post	When the Local Course Number or Term type Override is changed.
Put	When any fields listed below are changed: <ul style="list-style-type: none"> • When the SCED Seq Number is changed and saved on the Course editor. • When the Instructional Setting is changed and saved on a section. • When the Credit field is changed and saved on a Grading Task assigned to the course.
Delete	When a section is deleted.
Delete	When Section Placement is changed or removed and saved on a section.
Delete/Post	When the Local Course Number or Term type Override is changed.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.
Delete	If a resource is toggled to 'OFF' after data has sent and an action is performed that would trigger a delete, that data will remain in the ODS until a resync is done.
Resync	If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.
Resync	If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Post/Delete	Natural Key Changes: <ul style="list-style-type: none"> If the School ID changes, all data will remain under the old number and a resync will need to be completed to populate data under the new number. The delete tool would need to be used to remove all data from the old School ID.
Post/Delete	If any of the following changes in the Course Offerings resource: <ul style="list-style-type: none"> Local Course Code Session Name
Post/Delete	If the natural key changes all dependent data will delete/post.
Dependent Resources	Staff Section Associations, Student Section Associations, Student Section Attendance Events, Grades.

Scope Year Logic

This table describes scope year logic of this object.

Logic
Sections will report to the configured year to which they are aligned.
Data will only send for years that have valid configuration.

Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Instructional Languages Descriptor	Alternative Instruction Language
Educational Environment Descriptors	Section Distance Learning Provider
Medium of Instruction Descriptors	Section Course Delivery Model Code

Identity Mapping Object Key

This table describes the Resource Preferences of this object.

Campus Object Key	Object Key Data Source
SectionPlacement	sectionID-termID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
section	Post/Put/Delete	The primary table used for sending data for this resource.
course	Put	Educational Environment Descriptor Sequence of Course
gradingTaskCredit	Put	Available Credits

Object Data Elements

This table describes data elements sent within the Sections resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
id	The unique identifier of the resource.		M		
section Identifier	The local identifier assigned to a section.	Reports the section ID of the section being reported.	M	Course > Section	section.sectionID
course Offering Reference	A reference to the related CourseOffering resource.	Reports the fields that are part of the Natural Key for the Course Offering resource.	M		
location Reference	A reference to the related Location resource.	Reports the fields that are part of the Natural Key for the Locations resource.	O		
locationSchool Reference	A reference to the related School resource.	Reports the Ed-Fi School ID.	M	System Administration > Resources > School	School.entityID
availableCredit Conversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.	This is optional, does not report.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
availableCredits	Credits or units of value awarded for the completion of a course.	<ol style="list-style-type: none"> Sum the total number of credits from the Grading Tasks on the course. Divide by the number of terms the course section occurs. 	O	Course > Grading Tasks > Credit	gradingTaskCredit.Credit
availableCredit Type Descriptor	The type of credits or units of value awarded for the completion of a course.	This is optional, does not report.	O		
characteristics	This descriptor defines characteristics of a section, such as whether attendance is taken and the section is graded.	This is optional, does not report.	O		
classPeriods	The class period during which the Section meets.	See array section for logic.	O		
courseLevel Characteristics	The type of specific program or designation with which the section is associated (e.g., AP, IB, Dual Credit, CTE). This collection should only be populated if it differs from the Course Level Characteristics identified at the Course Offering level.	See Array section below for data logic for each field.	O		Course.cipCode Course.dualEnrollmentCour Course.honorsCode Course.honorsCourse CustomCourse.value

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
educational Environment Descriptor	The setting in which a child receives education and related services; for example: Center-based instruction Home-based instruction Hospital class Mainstream Residential care and treatment facility.	<ol style="list-style-type: none"> Report the mapped Ed-Fi code value for the Distance Learning Provider code selected on the reported course section. If blank or null, do not report. 	O	Scheduling > Section > Section Editor > Distance Learning Provider	section.provider
instruction Language Descriptor	The primary language of instruction, if omitted English is assumed.	<p>If Section > Alternate Instruction Language contains a value other than 00, report the code value selected</p> <ol style="list-style-type: none"> If Section > Alternate Instruction Language is blank/null. <ul style="list-style-type: none"> Report code selected from Course > Alternate Instruction Language. <ol style="list-style-type: none"> If Course > Alternate Instruction Language is blank/null. <ul style="list-style-type: none"> Leave as null. 	O	<p>Course/Section > Section > Section Editor > Alternate Instruction Language</p> <p>Course/Section > Course > Course Info > Alternate Instruction Language</p>	Course.alternateLanguage

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
mediumOf Instruction Descriptor	The media through which teachers provide instruction to students and students and teachers communicate about instructional matters; for example: Technology-based instruction in classroom Correspondence instruction Face-to-face instruction Virtual/On-line Distance learning Center-based instruction.	<ol style="list-style-type: none"> 1. Reports the mapped Ed-Fi code value for the Course Delivery Model Code selected on the reported course section. 2. If blank or null, report mapped Ed-Fi code value for "FF: Face-To-Face". 	O	Course/Section > Section Editor > Course Delivery Model Code	section.instructionalSetting
offeredGrade Levels	The grade levels in which the section is offered. This collection should only be populated if it differs from the Offered Grade Levels identified at the Course Offering level.	This is optional, does not report.	O		
population Served Descriptor	The population for which the course was designed; for example: Bilingual students Remedial education students Gifted and talented students Career and Technical Education students Special education students.	This is optional, does not report.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
official Attendance Period	Indicator of whether this section is used for official daily attendance. Alternatively, official daily attendance may be tied to a Class Period.	<ol style="list-style-type: none"> 1. Reports "True" if Attendance checkbox is checked. 2. Otherwise, report "False". 	O	Course/Section > Course > Course Info > Attendance	Course.attendance
programs	An unordered collection of sectionPrograms. This educational entity represents a setting in which organized instruction of course content is provided to one or more students for a given period of time. A course may be offered to more than one class/section. Instruction, provided by one or more teachers or other staff members, may be delivered in person or via a different medium.	<ol style="list-style-type: none"> 1. Report only if the Course Special Program droplist selection is BEP. 2. Else leave blank. 	O	Course/Section > Course > Course Info > Course Special Program	Course.programType
sequenceOf Course	When a section is part of a sequence of parts for a course, the number if the sequence. If the course has only one part, the value of this section attribute should be 1.	<ol style="list-style-type: none"> 1. Report the value selected in the SCED Sequence "Part n" field. 2. If NULL, report '1'. 	M	Course > Section > SCED Sequence	course.scedSequenceNum

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
nmpedClass Period Descriptor	Indicates the type of class period for this section.	<p>Reports the code value selected from Type droplist if <> AM, PM, or FD.</p> <ol style="list-style-type: none"> Listed valid values below in Class Period Descriptor table. If null, report default value if set on the data dictionary. <ul style="list-style-type: none"> Else leave as null. 	O	Course/Section > Section Editor > Type	Section.classType
preKClass Type Descriptor	Indicated the type of Pre-K participation for this section.	<p>Reports the code value selected from Type droplist if code = AM, PM, or FD.</p> <ol style="list-style-type: none"> Listed below valid values in preK Class Type Descriptor table. 	O	Course/Section > Section Editor > Type	Section.classType
etag	A unique system-generated value that identifies the version of the resource.	This is optional, does not report.	O		

Arrays

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Type/Descriptor

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