# NM Ed-Fi Suite v3.5.4, Data Standard v3.3.1-b: Sections

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Summary

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

| Action | Business Rule(s) |
|---|---|
| Post | Reports a record when a section is created.<br><br>- Do not report a record if the any of the following exclusions are present:<br>   ○ Course is inactive (Active is unchecked)<br>   ○ Course State Exclude<br>   ○ Course State Code is NULL<br>   ○ Calendar Exclude<br>   ○ Calendar Summer School<br>   ○ School Exclude<br>- The section must be scheduled into a term/period (Section Placement) to report.<br>- A record will be posted for each unique term the section is scheduled in. |

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| Delete /Post

Put | A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.

- When any of the following fields on Course are changed:
  - State Code
  - State Exclude
  - Active
- When any of the following fields on Course Grading Tasks are changed:
  - Credit
- When any of the following fields on Section are changed:

  - Section ID (New Section)
  - Section Placements (Terms Section is Scheduled Into) |
|---|---|
| Delete | 
- When the terms the section is offered in are changed or removed.
- When the section is deleted or somehow excluded. |

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Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Course Offerings
- Locations
- Class Periods

Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- Staff Section Associations
- Student Section Associations

Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

| Error Message | Possible Causes / How to Fix |
|---|---|
|  |  |

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Object Data Elements Logic

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.

| | Data Element Label | Business Rule(s) | Mandatory (M) Conditional (C) Optional (O) | Data Source GUI Path | Database Field | Uses Template Logic (✅ / ❌ / EXT) |
|---|---|---|---|---|---|---|
| 1 | **sectionIdentifier** (*string*) | *The local identifier assigned to a section.*<br><br>Reports the **Section ID**. | M | Section | Section .sectionID | ✅ |
| 2 | **courseOfferingReference** (*reference*) | *A reference to the Course Offerings resource associated with the Section being reported.*<br><br>Reports the fields that are part of the Natural Key for the Course Offerings resource. | M | N/A | N/A | ✅ |
| 3 | locationSchoolReference (*reference*) | *A reference to the Schools resource associated with the Section being reported.*<br><br>Reports the fields that are part of the Natural Key for the Schools resource.<br><br>- schoolId = **Ed-Fi School ID**. | C | School Information | School .entityID | ✅ |

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| 4 | availableCredits (*number*) | *The value of credits or units of value awarded for the completion of a course.*<br><br>Reports the result of the following calculation:<br><br>• Total Credits (from all Grading Tasks on the Course) / Number of Terms the Section occurs. | C | Course Master | GradingTaskCredit . credit | ✅ |
| 5 | courseLevelCharacteristics ( *array*) | *An unordered collection of sectionCourseLevelCharacteristics. 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.*<br><br>Reports the following data elements in an array:<br><br>• courseLevelCharacteristicDescriptor<br>　○ Reports a record for each set of logic the Section meets in the table below: | C | Course | Course .honorsCode<br><br>Course .honorsCourse<br><br>Course .elective<br><br>Course . labComponentIndicator<br><br>Course .cipCode<br><br>Course .programType<br><br>Course . dualEnrollmentCourse | ❌ |

| Descriptor Reported | Reports When |
|---|---|
| Advanced | Reports when the **Content Level Indicator** is set to value *A: Advanced*. |
| Advanced Placement | Reports when the **Course Indicator** is set to value *AP: Advanced Placement*. |

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| Basic | Not reported. Reported under NM-specific namespace, code "Basic/General." |
| --- | --- |
| Accepted as high school equivalent | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |
| Career and Technical Education | Reports if the **CIP Code** field has a value. |
| Core Subject | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |
| College-level | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |
| Correspondence | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |

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| | |
|---|---|
| Distance Learning | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |
| Dual Credit | Reports when the **Dual/Concurrent Credit Indicator** is set to value *D: Dual Credit*. |
| English Language Learner | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |
| General | Not reported. Reported under NM-specific namespace, code "Basic/General." |
| Gifted and Talented | Reports when the **Course Indicator** is set to value *GT: Gifted*. |
| Graduation Credit | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |

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| | |
|---|---|
| Honors | Reports when the **Content Level Indicator** is set to value *H: Honors*. |
| Magnet | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |
| International Baccalaureate | Reports when the **Course Indicator** is set to value *IB: International Baccalaureate*. |
| Other | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |
| Pre-AP | Reports when the **Course Special Program** is set to value *PRE: Pre-AP or Springboard*. |
| Pre-IB | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |

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| | |
|---|---|
| Remedial | Reports when the **Content Level Indicator** is set to value *R: Remedial.* |
| Students with disabilities | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |
| Untracked | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |
| Basic/General | Reports when the **Content Level Indicator** is set to value *BG: Basic /General* |
| Capstone | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |
| Elective | Reports when the **Elective** checkbox is checked. |
| **F** (Non-Traditional Gender Female) | Not reported. Indicated at state-level as not needed based on historical STARS indicators. |

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| | | | | | | |
|---|---|---|---|---|---|---|
| | | Lab Component | Reports when the **Lab Component Indicator** checkbox is checked. | | | |
| | | **M** (Non-Traditional Gender Male) | Not reported. Indicated at state-level as not needed based on historical STARS indicators. | | | |
| | | Special Education | Reports when the **Course Indicator** is set to value *SE: Special Education.* | | | |
| | | Work Based Learning | Not reported. Indicated at state-level as not needed based on historical STARS indicators. | | | |
| ❌ | 6 | educational EnvironmentDescriptor (*string*) | *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.* *Required if mediumOfInstructionDescriptor is HY (Hybrid), DL (Distance Learning) or CB (Computer-based).* Reports the Ed-Fi Code mapped to the value selected for **Distance Learning Provider**. | C | Section | Section .provider | ❌ |

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| | | | | | | |
|---|---|---|---|---|---|---|
| 7 | instruction LanguageDescriptor (*string*) | *The primary language of instruction, if omitted English is assumed.*<br><br>*If the course is taught in a language other than English, indicate that in this field. This applies to all classes including PreK.*<br><br>Reports the Ed-Fi Code mapped to the value selected for **Alternative Instruction Language** on Section.<br><br>• If NULL, reports the Ed-Fi Code mapped to the value selected for **Alternative Instruction Language** on Course.<br>  ○ If NULL, does not report. | C | Section<br><br>Course | CustomSection .value<br><br>CustomCourse .value | ⊗ |
| 8 | mediumOf InstructionDescriptor (*string*) | *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 ...*<br><br>Reports the Ed-Fi Code mapped to the value selected for **Course Delivery Model Code**.<br><br>• If NULL, reports **FF** (Face to Face). | M | Section | Section . instructionalSetting | ⊗ |

| 9 | officialAttendancePeriod (*boolean*) | *Indicator of whether this section is used for official daily attendance. Alternatively, official daily attendance may be tied to a Class Period.* <br><br> • Reports **True** if Attendance is checked on the Course. <br> • Reports **False** in all other situations. | O | Course | Course .attendance | ✅ |
|---|---|---|---|---|---|---|
| 10 | programs (*array*) | *An unordered collection of sectionPrograms. Optional reference to program (e.g., CTE) to which the Section is associated.* <br><br> Reports the following data elements when the **Course Special Program** is set to value *BEP: Bilingual Education Program*: <br><br> • programReference <br>    ◦ educationOrganizationId = **Ed-Fi District Number** <br>    ◦ programName = **BEP - Participation Code 1** <br>    ◦ programTypeDescriptor = **BEP** | C | Course | Course .programType | ❌ |
| 11 | sequenceOfCourse (*integer*) | *When a section is part of a sequence of parts for a course, the number of the sequence. If the course has only one part, the value of this section attribute should be 1.* <br><br> Report the **SCED Sequence "Part n"**. <br><br> • If NULL, report **1**. | O | Course | Course . scedSequenceNum | ✅ |

| 12 | nmpedClassPeriodDescriptor (*string*) | *Indicates the type of class period for this section.*<br><br>Reports the **Code** of the value selected for **Type** on Section.<br><br>• Does not report if Type is set to the values: *AM, PM,* or *FD.* | C | Section | Section .classType | EXT |
|---|---|---|---|---|---|---|
| 13 | preKClassTypeDescriptor (*string*) | *Indicated the type of Pre-K participation for this section.*<br><br>Reports the **Code** of the value selected for **Type** on Section.<br><br>• Does not report if Type is **NOT** set to the values: *AM, PM,* or *FD.* | C | Section | Section .classType | EXT |
| 14 | locationReference | This is optional, does not report. | O | N/A | N/A | N/A |
| 15 | availableCreditConversion | This is optional, does not report. | O | N/A | N/A | N/A |
| 16 | availableCreditTypeDescriptor | This is optional, does not report. | O | N/A | N/A | N/A |
| 17 | classPeriods | This is optional, does not report. | O | N/A | N/A | N/A |
| 18 | characteristics | This is optional, does not report. | O | N/A | N/A | N/A |
| 19 | offeredGradeLevels | This is optional, does not report. | O | N/A | N/A | N/A |
| 20 | populationServedDescriptor | This is optional, does not report. | O | N/A | N/A | N/A |
| 21 | sectionName | This is optional, does not report. | O | N/A | N/A | N/A |

Appendix

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