

# Nebraska Ed-Fi Data v3.1 - Grading Periods

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This educational entity represents an overall score or assessment tied to a course over a period of time (i.e., the grading period). Student grades are usually a compilation of marks and other scores.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

| Action | Trigger   |
|--------|---|
| Post   | When a new Grading Period is created and saved in Resource Preferences and a resync is completed. <ul style="list-style-type: none"> <li>Do not send if the School is marked as Exclude.</li> </ul> |
| Put    | When the Grading Period Start or End Date is updated and saved and a resync is completed.   |
| Delete | When a grade is deleted from a Grading Task that is mapped to an Ed-Fi Grade Type.  |
| Delete | When the Grading Period is removed from Resource Preferences.   |

## 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 | Business Rule  |
|--------|--|
| 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.   |
| Resync | When doing a resync, look to make sure the Grading Task is still mapped in the Grades Resource Preferences prior to sending.   |

## 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  |
|---------------------|--|
| Delete/Post         | If the Natural Key changes: If the School Number/Ed-Fi School Number changes, a delete/post will occur with the cascading deletes from the School ID Change triggers.  |
| Delete/Post         | If the Grading Period Descriptor or Sequence changes and a resync is completed.  |
| Delete/Post         | If the natural key changes or the record is deleted, the Sessions Grading Periods reference will be updated.   |
| Delete/Post         | If the natural key of Grading Periods changes, all existing dependent data will be deleted or moved to the correct Grading Period. If a grade has not been posted yet and a Grading Period changes, a resync on the Grades resource will need to be completed. |
| Dependent Resources | Sessions Reference, Grades   |

## Scope Year Logic

This table describes scope year logic of this object.

| Logic   |
|---|
| <p>Reports the grading periods in the configured year they are aligned to.</p> <ul style="list-style-type: none"> <li>Data will only send for the years that have valid configuration.</li> </ul> |

## Resource Preferences

This table describes the Resource Preferences of this object.

| Data Element Label | Mapping Needed        |
|--------------------|-----------------------|
| Schools            | Grading Period Detail |

## Identity Mapping Object Key

|                   |                        |
|-------------------|------------------------|
| campusObjectType  | Object Key Data Source |
| EdFiGradingPeriod | edFiGradingPeriodID    |

## Event Queue Detail

This table describes the Event Queue Detail of this object.

| Campus Table       | Ed-Fi Action    | Fields   |
|--------------------|-----------------|--|
| edfiGradingPeriods | Post/Put/Delete | The primary table used for sending data for this resource. |

## Object Data Elements

This table describes data elements sent within the Grading Periods 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         |   |                |
| <b>gradingPeriodDescriptor</b> | The name of the grading period.        | 1. Report the code value from the Grading Period Name selected. | M         | System Administration>Ed-Fi > Configuration> Resource Preferences> Grading Periods> Grading Period Descriptor | edfigradingpe  |

| Data Element Label     | Business Requirement  | Business Rules  | M, C or O | Data Source GUI Path  | Database Field |
|------------------------|---|---|-----------|---|----------------|
| <b>periodSequence</b>  | The sequence of the grading period.                                       | <ol style="list-style-type: none"> <li>1. Report the period sequence for the Grading Period being reported.</li> <li>2. The sequence will be auto-generated based on an assigned value. This value can be overwritten if necessary.               <ul style="list-style-type: none"> <li>◦ The sequence can be changed in the individual record as long it is unique to the Grading Period Descriptor and School combination.</li> <li>◦ Two Grading Periods in the same school can have the same sequence as long as the Grading Period Descriptor is not the same.</li> <li>◦ Two Grading Periods in the same school can have the same Grading Period Descriptor as long as the Sequence is not the same.</li> <li>◦ Two Grading Periods with the same Grading Period Descriptor can have the same sequence as long as they are assigned to different schools.</li> </ul> </li> <li>3. The sequence is determined based on the name of the 'number' in the Grading Period Descriptor up to 6. Example 'First Semester' will have a sequence of 1, 'First Nine Weeks' will have a sequence of 1. If the Grading Period Descriptor number is over 6 or cannot be determined, a default value of 1 will report.</li> </ol> | M         | System Administration>Ed-Fi > Configuration> Resource Preferences> Grading Periods> Grading Period Sequence | edfigradingpe  |
| <b>schoolReference</b> | Provide user information to lookup and link to an existing school record. | <ol style="list-style-type: none"> <li>1. Reports the natural key of the School resource the grading period is aligned to.</li> </ol>   | M         |   |                |

| Data Element Label             | Business Requirement  | Business Rules   | M, C or O | Data Source GUI Path  | Database Field |
|--------------------------------|---|--|-----------|---|----------------|
| <b>schoolYearTypeReference</b> | A reference to the related SchoolYearType resource.           | 1. Reports the end year from the calendar the term is reported.<br>1. Reports 'XXXX'.  | M         |   |                |
| beginDate                      | The start date of the grading period.                         | 1. Report the start date from the Grading Period being reported.   | M         | System Administration>Ed-Fi > Configuration> Resource Preferences> Grading Periods> Grading Period Start Date | edfigradingpe  |
| endDate                        | The end date of the grading period.                           | 1. Report the end date from the Grading Period being reported.   | M         | System Administration>Ed-Fi > Configuration> Resource Preferences> Grading Periods> Grading Period End Date   | edfigradingpe  |
| totalInstructionalDays         | The total number of instructional days in the grading period. | 1. Count the number of instructional days on the Days tab that occur during the start and end date for the grading period. <ul style="list-style-type: none"> <li>◦ If there is more than 1 calendar or schedule structure, report the distinct number of instructional days from all calendars/schedule structures.</li> <li>◦ Instructional days will not send an update if changed after original post unless a resync is completed.</li> </ul> | M         | System Administration> Calendar>Calendar>Days   |                |
| _etag                          |   |  | O         |   |                |

## Type/Descriptor

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### NE Type/Descriptor / grading period descriptor

| Code Value | Description          | Namespace                                      | Short Description    |
|------------|----------------------|--|----------------------|
| 01         | End of Year          | uri://education.ne.gov/GradingPeriodDescriptor | End of Year          |
| 02         | Fifth Six Weeks      | uri://education.ne.gov/GradingPeriodDescriptor | Fifth Six Weeks      |
| 03         | First Nine Weeks     | uri://education.ne.gov/GradingPeriodDescriptor | First Nine Weeks     |
| 04         | First Semester       | uri://education.ne.gov/GradingPeriodDescriptor | First Semester       |
| 05         | First Six Weeks      | uri://education.ne.gov/GradingPeriodDescriptor | First Six Weeks      |
| 06         | First Summer Session | uri://education.ne.gov/GradingPeriodDescriptor | First Summer Session |
| 07         | First Trimester      | uri://education.ne.gov/GradingPeriodDescriptor | First Trimester      |
| 08         | Fourth Nine Weeks    | uri://education.ne.gov/GradingPeriodDescriptor | Fourth Nine Weeks    |
| 09         | Fourth Six Weeks     | uri://education.ne.gov/GradingPeriodDescriptor | Fourth Six Weeks     |

| Code Value | Description           | Namespace                                      | Short Description     |
|------------|-----------------------|--|-----------------------|
| 10         | Second Nine Weeks     | uri://education.ne.gov/GradingPeriodDescriptor | Second Nine Weeks     |
| 11         | Second Semester       | uri://education.ne.gov/GradingPeriodDescriptor | Second Semester       |
| 12         | Second Six Weeks      | uri://education.ne.gov/GradingPeriodDescriptor | Second Six Weeks      |
| 13         | Second Summer Session | uri://education.ne.gov/GradingPeriodDescriptor | Second Summer Session |
| 14         | Second Trimester      | uri://education.ne.gov/GradingPeriodDescriptor | Second Trimester      |
| 15         | Sixth Six Weeks       | uri://education.ne.gov/GradingPeriodDescriptor | Sixth Six Weeks       |
| 16         | Summer Semester       | uri://education.ne.gov/GradingPeriodDescriptor | Summer Semester       |
| 17         | Third Nine Weeks      | uri://education.ne.gov/GradingPeriodDescriptor | Third Nine Weeks      |
| 18         | Third Six Weeks       | uri://education.ne.gov/GradingPeriodDescriptor | Third Six Weeks       |
| 19         | Third Summer Session  | uri://education.ne.gov/GradingPeriodDescriptor | Third Summer Session  |
| 20         | Third Trimester       | uri://education.ne.gov/GradingPeriodDescriptor | Third Trimester       |
| 21         | First Four Weeks      | uri://education.ne.gov/GradingPeriodDescriptor | First Four Weeks      |
| 22         | Second Four Weeks     | uri://education.ne.gov/GradingPeriodDescriptor | Second Four Weeks     |
| 23         | Third Four Weeks      | uri://education.ne.gov/GradingPeriodDescriptor | Third Four Weeks      |
| 24         | Fourth Four Weeks     | uri://education.ne.gov/GradingPeriodDescriptor | Fourth Four Weeks     |
| 25         | Fifth Four Weeks      | uri://education.ne.gov/GradingPeriodDescriptor | Fifth Four Weeks      |
| 26         | Sixth Four Weeks      | uri://education.ne.gov/GradingPeriodDescriptor | Sixth Four Weeks      |
| 27         | Seventh Four Weeks    | uri://education.ne.gov/GradingPeriodDescriptor | Seventh Four Weeks    |
| 28         | Eighth Four Weeks     | uri://education.ne.gov/GradingPeriodDescriptor | Eighth Four Weeks     |