Tennessee Ed-Fi Data v3.1 - Calendars

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The Local Education Agency Calendar resources reports District Calendar information.

Object Triggering

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	A Calendars record will be created for each Calendar where: • Type = D: District • Number >= 1
	When a new Calendar is created and saved via the Calendar Wizard.
	Do not send a record if the Calendars resource is toggled 'OFF' in the Calendars Resource Preferences.
Put	When fields that are not part of the natural key are changed: • calendar Type • calendar Number • Student Day (instructional minutes) • Teacher Day (minutes)
	When the Instruction checkbox is modified the instructionalDays and calendarFundingPeriod need to be recalculated.
	When the following day event types have been ADDED OR REMOVED from the calendar, instructionalDays must be re-calculated and the calendarFundingPeriod array must be recalculated • SI: Stockpile Inclement Weather • SP: Stockpile Professional Development • CS: Calendar Start • CE: Calendar End
Delete/Post	If any fields part of the natural key are changed: • Instructional Program Number • School Number • calendarTypeDescriptor • _ext.tdoe.submittedForSchoolYearTypeReference.SchoolYear • _ext.tdoe.submittedByEducationOrganizationReference.educationOgranizationID

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	No data will send if the School or Calendar is marked as Exclude.
Delete	If the Calendar is marked as exclude after the Calendar or any dependent data is sent, the calendar and all dependent data will delete upon a resync even if the resource is toggled 'OFF'.

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.
Resync	If a Calendar 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 Calendar 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	Business Rule
Post	Should a calendar that previously excluded become reportable, all Calendar Dates tied to the calendar should also report. See the Calendar Date Resource.
Delete	Should a calendar that previously reported become excluded, all Calendar Dates tied to the formerly reported calendar should also be deleted. See the Calendar Dates Resource.

Scope Year Logic

This table describes scope year logic of this object.

Logic
Calendar Dates will only send for the school 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
calendarTypeDescriptor	calendar.type

Object Data Elements

Data Element Labels in **bold** are part of the Natural Key and are required data elements for Data to send to Ed-Fi.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
Calendar Code	The Instructional Program Number: Reports the number to uniquely identify the instructional program with the school.	If Instructional Program Number equals null or blank, populate "99". Otherwise, populate Instructional Program Number	M	System Administration > Calendar > Calendar > Instructional Program Number	customCalendar.
schoolReference	Reports the following: • District ID - Reports the TN Department of Education assigned District Number. • School ID - Report the TN Department of Education assigned School Number	District Number + School Number	M	System Administration > Resources > District Information > State District Number System Administration > Resources > School > State School Number	District.number School.number
SchoolYearType Reference	The School Year tied to the configured year.	Populate the End Year of the school year tied to the configured year.	M	System Administration > Ed-Fi > Ed-Fi Configuration > Connection > School Year System Administration > Calendar > School Years > End Year	SchoolYear.endY

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
calendarType Descriptor	Indicates the type of Instructional Calendar.	Current Calendar Year is defined as the start year of the school year tied to the calendar. Identifies the calendar date of the first occurrence of Day Event Type "AS". If the date is scheduled **BEFORE** August 1st of the current calendar year, populate "Yearlong". Otherwise, populate "Traditional".	M	N/A	N/A
gradeLevels	Indicates the grade level associated with the Calendar	Optional, does not report.	O	N/A	N/A
_ext.tdoe.localEducation AgencyCalendar Reference	A reference to the related Local Education Agency Calendar (District Calendar) resource.	Reports the calendar Number.	M	System Administration > Calendar > Number	
_ext.tdoe.stockpile ProfessionalDevDays	The number of days a school has designated as stockpile professional days when the LocalEducationAgency calendar does not declare stockpiling.	For the calendar, sum the Day Event duration of all day events of type "SP". If the sum does not equal a number that can be divided evenly by 100, report blank. Otherwise, report the quotient.	M	System Administration > Calendar > Calendar > Days > Type	

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
_ext.tdoe.instructional Days	The number of days for classroom instruction.	Sum of the total amount of Days marked Instruction for a total. Identifies the days with the following day event types and updates the total by 1 if the day is NOT marked instruction: • SI (Stockpile Inclement Weather) • SP (Stockpile Professional Development Days)	M	System Administration > Calendar > Calendar > Days > Instruction System Administration > Calendar > Calendar > Days > Type	
_ext.tdoe.student Day	The number of minutes in a standard full time day for a student, including lunch.	For the calendar, populate the value in Student Day.	M	System Administration > Calendar > Calendar > Student Day	Calendar.student
_ext.tdoe.teacher Day	The number of minutes in a standard full time day for a teacher, including lunch.	For the calendar, populate the value in Teacher Day.	M	System Administration > Calendar > Calendar > Teacher Day	Calendar.teacher
_ext.tdoe.usesBlock ScheduleIndicator	Indicates if this school calendar is using block scheduling.	Populate "false".	M		
_ext.tdoe.springBlock BeginDate	If this calendar uses block scheduling, the first date of the spring block.	Optional, does not report.	O		
_ext.tdoe.calendar FundingPeriod	The begin and end dates of each funding period associated with this calendar.	See array logic below.	M	System Administration > Calendar > Calendar > Days > Instruction	calculated
_ext.tdoe.submittedFor SchoolYearTypeReference .SchoolYear	Key for the School Year.	Using the End Date tied to the calendar, reports the year.	M	System Administration > Calendar > Calendar > End Date	schoolYear.endY

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
_ext.tdoe.submittedBy EducationOrganization Reference.education OgranizationID	The identifier assigned to an education organization.	State District Number + State School Number	M	System Administration > Resources > School Sys admin > resources > district info	school.number

Arrays

▸ Click here to expand...

Type/Descriptor

▸ Click here to expand...