

# Calendar Dates (Texas v4.0)

Last Modified on 03/11/2024 8:47 am CDT

Tool Search: Ed-Fi

This entity represents a set of dates associated with an organization.

## Object Triggering Logic

Action	Trigger
Post	<p>When a Day is created with the Instruction checkbox marked or a Day Event that is mapped to an Ed-Fi Code is added to a day. If more than one day event is found, reports from the most recent event only.</p> <ul style="list-style-type: none"> <li>• Days can be set either manually or by the Day Reset tool.</li> <li>• Day Events can be set either manually or by the Multi Day Event Wizard.</li> <li>• Do not send a record if the Calendar Exclude checkbox is checked.</li> <li>• Do not send a record if the School Exclude checkbox is checked.</li> </ul>
Put	<p>When fields that are not part of the natural key are changed.</p> <ul style="list-style-type: none"> <li>• Calendar Events: A put is completed if there is more than 1 event on a day and 1 is being updated.</li> </ul>
Delete	<p>To delete this resource, all Day Events must be deleted and the Instructional checkbox needs to be unmarked.</p>

## School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

Action	Trigger
None	<p>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.</p>
Delete	<p>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.</p>
Resync	<p>If a Calendar Event 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.</p>
Resync	<p>If a Calendar Event 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.</p>
Resync	<p>If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.</p>

## Natural Key Changes, Cascading Updates, and Deletes Logic

Action	Trigger
Post/Delete	<p>Natural Key change: If a 2nd schedule structure is added after data is sent, the first Calendar record will need to be Deleted/Posted with new Calendar Code logic to be Calendar ID + Schedule Structure ID.</p> <ul style="list-style-type: none"> <li>If a calendar or schedule structure is moved via script, all data sent to the ODS will remain and the Delete tool will need to be used to remove all data sent.</li> <li>If the Calendar Dates resource is toggled 'OFF" and a natural key change is made to the Calendar, the Calendar Dates record will be deleted.</li> </ul>
Delete	<p>Cascading Deletes: This resource will delete if a calendar is marked as exclude after dependent data has been sent or a 2nd Schedule Structure is added after 1st Calendar is sent.</p>

## Scope Year Logic

Logic
<p>Calendar Dates only send for the school year to which they are aligned.</p> <ul style="list-style-type: none"> <li>Data only sends for years that have valid configuration.</li> </ul>

## Resource Preferences

Data Element Label	Mapping Needed
Calendar Event Descriptors	Day Detail / Event Type

## Identity Mapping Object Key

campusObjectType	Object Key Data Source
Day	dayID

## Event Queue Detail

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

## Object Data Elements

This table describes data elements sent within the Calendar Dates resource. Required data elements are listed in **bold**.

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
id	The unique identifier of the resource.		M	
<b>calendarReference</b>	A reference to the related School resource.	Reports the fields that are part of the Natural Key for the Calendars resource.	M	
<b>date</b>	Month, day, and year of the date being reported.	Reports the Date being reported.	M	System Administration > Calendar > Calendar > Days > Date  day.date
<b>calendarEvents</b>	The type of scheduled or unscheduled event for the day.	See Array section below for data logic for each field.	M	System Administration > Calendar > Calendar > Days > Day Detail > Day Events AND Instructional
CalendarWaiverEventType Descriptor	The type of state approved waiver.	Reports mapped Ed-Fi Code of day event.	O	

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
SchoolDayOperationalMinutes	<p>The minutes that a campus operated on a particular school day for the purpose of student instruction.</p>	<p>If the calendar has an Instructional Program Type with mapped Ed-Fi Code = 01, 02, or 14 and day has a day event mapped to an Ed-Fi Code, report event Duration.</p> <ul style="list-style-type: none"> <li>• Reports calculated School Day minutes from the period schedule if 'Duration' is blank or no day event found.</li> </ul>	O	<p>System Administration &gt; Calendar &gt; Calendar &gt; Days &gt; Day Events &gt; Duration</p> <p>OR</p> <p>System Administration &gt; Calendar &gt; Periods &gt; Period Schedule /Periods Editor &gt; Period Schedule Info &gt; School Day (calculated field)</p>

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
SchoolDayInstructionalMinutes	The portion of the school day during which instruction takes place along with certain other exceptions and are considered a subset of operational minutes.	If the calendar has an Instructional Program Type with mapped Ed-Fi Code = 04, 05, 06, 07, 08, 09, 10, 11, or 12, and day has a day event mapped to an Ed-Fi Code, report event Instructional Minutes. <ul style="list-style-type: none"> <li>• Reports calculated Instructional Minutes from the period schedule if 'Instructional Minutes' is blank or no day event is found.</li> </ul>	O	System Administration > Calendar > Calendar > Days > Day Events > Instructional Minutes  OR  System Administration > Calendar > Periods > Period Schedule / Periods Editor > Period Schedule Info > Instructional Minutes (calculated field)
SchoolDayWaiverMinutes	The waiver minutes for the campus and calendar date.	If day has a day event mapped to an Ed-Fi Code, report event Instructional Minutes <ul style="list-style-type: none"> <li>• Does not report if Instructional Minutes is blank or no day event found.</li> </ul>	O	System Administration > Calendar > Calendar > Days > Day Events > Instructional Minutes

## Array

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