Calendar Dates (Texas v4.0)

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Tool Search: Ed-Fi

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

Object Triggering Logic

Action	Trigger
Post	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. • Days can be set either manually or by the Day Reset tool. • Day Events can be set either manually or by the Multi Day Event Wizard. • Do not send a record if the Calendar Exclude checkbox is checked. • Do not send a record if the School Exclude checkbox is checked.
Put	When fields that are not part of the natural key are changed. • Calendar Events: A put is completed if there is more than 1 event on a day and 1 is being updated.
Delete	To delete this resource, all Day Events must be deleted and the Instructional checkbox needs to be unmarked.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

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 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.
Resync	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.
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

Action	Trigger
Post/Delete	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. • If a calendar or schedule structure is moved via script, all data send to the ODS will remain and the Delete tool will need to be used to remove all data sent. • 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.
Delete	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.

Scope Year Logic

Logic
Calendar Dates only send for the school year to which they are aligned. • Data only sends for years that have valid configuration.

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	
calendarReference	A reference to the related School resource.	Reports the fields that are part of the Natural Key for the Calendars resource.	M	
date	Month, day, and year of the date being reported.	Reports the Date being reported.	M	System Administration > Calendar > Calendar > Days > Date day.date
calendarEvents	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	The minutes that a campus operated on a particular school day for the purpose of student instruction.	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. • Reports calculated School Day minutes from the period schedule if 'Duration' is blank or no day event found.	O	System Administration > Calendar > Calendar > Days > Day Events > Duration OR System Administration > Calendar > Periods > Period Schedule /Periods Editor > Period Schedule Info > School Day (calculated field)

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. • Reports calculated Instructional Minutes from the period schedule if 'Instructional Minutes' is blank or no day event is found.	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 • Does not report if Instructional Minutes is blank or no day event found.	O	System Administration > Calendar > Calendar > Days > Day Events > Instructional Minutes

Array

▸ Click here to expand...

Calendar Event Descriptor

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
Calendar Event Descriptor	The type of scheduled or unscheduled event for the day.	1. Reports '01' if day is marked as Instruction. 2. Reports '02' if day has a day event mapped to an Ed-Fi code.	M	System Administration > Calendar > Calendar > Days > Day Detail > Instruction AND Day Events