

# Calendar Dates (Arizona v3.6)

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Tool Search: Ed-Fi

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

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

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.</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>• A record is not sent when the Calendar Exclude checkbox is marked.</li> <li>• A record is not sent when the School Exclude checkbox is marked.</li> <li>• A record is not sent when the Calendar is mapped via the Ed-Fi Calendar Override Mapping tool to a different calendar.</li> <li>• Only one Calendar Event Descriptor reports per day.</li> </ul>
Put	<p>When any field that is not part of the natural key changes.</p> <ul style="list-style-type: none"> <li>• For Calendar Events, when a date previously had a record in the array due to the Instructional checkbox being marked, and a subsequent Day Event that is mapped to an Ed-Fi Code is added to a day, the original 'Instructional day' record is removed from the day, leaving only the Day Event(s) records.</li> <li>• For Calendar Events, when a Saturday or Sunday previously had a record in the array due to a Day Event, and all Day Events are removed, Weekend Day reports for the calendarEventDescriptor.</li> <li>• For Calendar Events, a Put is completed when there is more than one event on a day and one of those events is updated.</li> </ul>
Delete	<p>To delete this resource, all Day Events must be deleted and the Instructional checkbox needs to be unchecked.</p> <ul style="list-style-type: none"> <li>• When the calendar that a Calendar Dates record is tied to has been subsequently mapped to a different calendar via the EdFi Calendar Override Mapping tool, the delete of the record(s) occurs on resync.</li> </ul>

## 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	When a resource is toggled to OFF after data has sent, all sent data remains in the ODS but no new data is sent.
Delete	When a resource is toggled to OFF after data has sent and an action is performed that would trigger a delete, that data remains in the ODS until a resync is done.
Resync	When a Calendar Event record is in the Ed-Fi Identity Mapping table and not in the ODS, it is deleted from the Ed-Fi Identity Mapping table.
Resync	When 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 is deleted from the ODS.
Resync	When a mapping is changed in Resource Preferences, a resync is needed 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	Trigger
Post/Delete	<p>Natural Key change: when a second schedule structure is added after data is sent, the first Calendar record needs to be Deleted/Posted with new Calendar Code logic to be Calendar ID + Schedule Structure ID.</p> <ul style="list-style-type: none"> <li>• When a calendar or schedule structure is moved via script, all data sent to the ODS remains and the Delete tool removes all sent data.</li> <li>• When the Calendar Dates resource is toggled OFF and a natural key change is made to the Calendar, the Calendar Dates record is deleted.</li> </ul>
Delete	<p>Cascading Deletes: This resource deletes when a calendar is marked as exclude after dependent data has been sent or a second Schedule Structure is added after the first Calendar is sent.</p>

## Scope Year Logic

This table describes scope year logic of this object.

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

This table describes the Resource Preferences of this object.

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

## Identity Mapping Object Key

This table describes the Identity Mapping Object Key of this object.

campusObjectType	Object Key Data Source
Day	dayID

## Event Queue Detail

This table describes the Event Queue Detail of this object.

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 Calendars resource.

Data Element Label	Description	Mandatory, Conditional or Optional	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	

Data Element Label	Description	Mandatory, Conditional or Optional	Location
<b>date</b>	<p>Month, day, and year of the date being reported.</p> <p>Reports the Date being reported.</p>	M	<p>Calendar Information &gt; Days &gt; Date</p> <p>Day.date</p>
<b>calendarEvents</b>	<p>The type of scheduled or unscheduled event for the day.</p> <p>Reports the data from the Day or Day Event for the Date being reported.</p>	O	

Data Element Label	Description		Mandatory, Conditional or Optional	Location
	<b>Calendar Event Descriptor</b>	<p>This descriptor holds the types of scheduled or unscheduled event for the day (e.g., Instructional day, Teacher-only day, Holiday, Make-up day, Weather day, Student late arrival/early dismissal day).</p> <ul style="list-style-type: none"> <li>• Reports the Ed-Fi Code mapped to Instructional Day when the Instruction checkbox is marked on a day.</li> <li>• Otherwise reports the Ed-Fi Code when from mapped Day Event.</li> <li>• When Instruction is not marked and there is not a day event mapped to an Ed-Fi Code, a record is not reported.</li> </ul>	M	<p>Day Setup &gt; Day Detail &gt; Instruction</p> <p>Day.instruction</p> <hr/> <p>Calendar Information &gt; Day Event</p> <p>Dayevent.type</p>

## Type/Descriptor

This table describes the Ed-Fi Value mapped and reported for Calendar Event Descriptor:

Code Value	Name Space
Emergency day	<input type="text" value="uri://ed-fi.org/CalendarEventDescriptor"/>
Holiday	<input type="text" value="uri://ed-fi.org/CalendarEventDescriptor"/>
Instructional day	<input type="text" value="uri://ed-fi.org/CalendarEventDescriptor"/>
Make-up day	<input type="text" value="uri://ed-fi.org/CalendarEventDescriptor"/>
Other	<input type="text" value="uri://ed-fi.org/CalendarEventDescriptor"/>
Student late arrival/early dismissal	<input type="text" value="uri://ed-fi.org/CalendarEventDescriptor"/>
Weather day	<input type="text" value="uri://ed-fi.org/CalendarEventDescriptor"/>
Teacher only day	<input type="text" value="uri://ed-fi.org/CalendarEventDescriptor"/>
Strike	<input type="text" value="uri://ed-fi.org/CalendarEventDescriptor"/>