

# Michigan Ed-Fi Data v3.1 - Calendar Dates

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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 check box checked 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>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 will be 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 check box needs to be unchecked.</p>

## 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	<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>

Action	Trigger
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

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

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

This table describes scope year logic of this object.

Logic
<p>Calendar Dates will only send for the school year to which they are aligned.</p> <ul style="list-style-type: none"> <li>Data will only send 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 Descriptors	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	M, C or O	Data Source GUI Path	Database Field
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	M, C or O	Data Source GUI Path	Database Field
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. Reports the data from the Day or Day Event for the Date being reported.	O		

Data Element Label	Description		M, C or O	Data Source GUI Path	Database Field
	Calendar Event Descriptor	<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> <ol style="list-style-type: none"> <li>1. Reports the Ed-Fi Code mapped to 'Instructional Day' if Instruction check box is checked on a day.</li> <li>2. Else, reports the Ed-Fi Code if from mapped Day Event.</li> <li>3. If Instruction is not checked and there is not a day event mapped to an Ed-Fi Code, do not report a record.</li> </ol>	M	<p>System Administration&gt; Calendar&gt; Calendar&gt; Days&gt; Day Detail&gt; Instruction</p> <p>OR</p> <p>System Administration&gt; Calendar&gt; Calendar&gt; Day Event</p>	<p>day.instruction or</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	uri://ed-fi.org/CalendarEventDescriptor
Holiday	uri://ed-fi.org/CalendarEventDescriptor
Instructional day	uri://ed-fi.org/CalendarEventDescriptor
Make-up day	uri://ed-fi.org/CalendarEventDescriptor
Other	uri://ed-fi.org/CalendarEventDescriptor
Student late arrival/early dismissal	uri://ed-fi.org/CalendarEventDescriptor
Weather day	uri://ed-fi.org/CalendarEventDescriptor
Teacher only day	uri://ed-fi.org/CalendarEventDescriptor
Strike	uri://ed-fi.org/CalendarEventDescriptor