# 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 | 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. <ul><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 | When fields that are not part of the natural key are changed. <ul><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 | To delete this resource, all Day Events must be deleted and the Instructional check box needs to be unchecked. |

# 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 | 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. |

| 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 | 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.<br>• 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.<br>• 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

This table describes scope year logic of this object.

| Logic |
|-------|
| Calendar Dates will only send for the school year to which they are aligned.<br>• 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 |
|---|---|
| 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 | | |
| CalendarReference | 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 | 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). <br><br> 1. Reports the Ed-Fi Code mapped to 'Instructional Day' if Instruction check box is checked on a day. <br> 2. Else, reports the Ed-Fi Code if from mapped Day Event. <br> 3. If Instruction is not checked and there is not a day event mapped to an Ed-Fi Code, do not report a record. | M | System Administration> Calendar> Calendar> Days> Day Detail> Instruction <br><br> OR <br><br> System Administration> Calendar> Calendar> Day Event | day.instruction or <br><br> dayevent.type |

# 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 |