

# Michigan Ed-Fi Data v3.1 - Graduation Plans

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**Classic View:** System Administration > Ed-Fi

**Search Terms:** Ed-Fi

This entity is a plan outlining the required credits, credits by subject, credits by course, and other criteria required for graduation. A graduation plan may be one or more standard plans defined by an education organization and/or individual plans for some or all students.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When a Career Tech Program or a Graduation Program is mapped to a Graduation Plan Descriptor in Graduation Plan Preferences.</p> <ul style="list-style-type: none"> <li>The program must be flagged as active to report.</li> <li>For a Career Tech Program the Cohort/Graduation Active Start Year field must be populated to report.</li> <li>For a Graduation Program, the Ed-Fi Graduation Plan and Cohort/Graduation Active Start Year fields must be populated to report.</li> <li>A separate record will report for each School Year that aligns with the Cohort/Graduation Active Start Year and Cohort/Graduation Active End Year. <ul style="list-style-type: none"> <li>Example: If the Cohort/Graduation Active Start Year is 2014 and the Cohort/Graduation Active End Year is 2016, a record will report for each of the following years: 2014, 2015, 2016.</li> </ul> </li> <li>If the Cohort/Graduation Active End Year is NULL, a separate record will report starting with the Cohort/Graduation Active Start Year and ending 4+ years from the current year. <ul style="list-style-type: none"> <li>Example: If the Cohort/Graduation Active Start Year is 2014 and the current year is 2016, a record will report for each of the following years: 2014, 2015, 2016, 2017, 2018, 2019, 2020.</li> </ul> </li> <li>If two programs have the same Graduation Program Type/Descriptor and School Year, the last record to be updated will be the one reported.</li> <li>Use the Scope Year logic below to determine if the record is eligible to report.</li> </ul>
Put	If the sum of the total number of required credits changes on a reported Graduation program.
Delete	Graduation Plans will not delete due to the association across multiple cohort years.

## 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.
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	Natural Key changes: If the mapping is changed for the Graduation Plan Type Descriptors and a resync is completed the new program will post and the existing program will remain.
Delete	Graduation Plans will not delete due to the association across multiple cohort years

## Scope Year Logic

This table describes scope year logic of this object.

Logic
<p>The record will send to any year in which the Graduation Plan overlaps.</p> <ul style="list-style-type: none"> <li>Data will only send for years that have valid configuration.</li> </ul>

## Identity Mapping Object Key

Campus Object Type	Object Key Data Source
Program	program ID - Cohort End Year

## Event Queue Detail

This table describes the Event Queue Detail of this object.

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

## Object Data Elements

This table describes data elements sent within the Graduation Plans resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
id	The unique identifier of the resource.		M		
<b>graduationPlanType Descriptor</b>	This descriptor defines the set of graduation plan types.	Report the Ed-Fi Code to which the CTE Program is mapped.	M	Program Admin> Programs> Graduation Programs> Graduation Program Detail or Career Tech Programs	program.edfi PlanT

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
<b>educationOrganization Reference</b>	A reference to the related Education Organization resource.	Reports the District Number.	M		
<b>graduationSchoolYearType Reference</b>	A reference to the related SchoolYearType resource.	Reports the End Year for each year a record is reporting based on the Cohort years the Graduation Plan covers.	M		Program.endCohort
creditsByCourses	An unordered collection of graduation Plan Credits By Courses. The total credits required for graduation by taking a specific course, or by taking one or more from a set of courses.	This field is optional and does not report.	O		
creditsBySubjects	An unordered collection of graduation Plan Credits By Subjects. The total number of credits required in a subject to graduate. Only those courses identified as a high school course requirement are eligible to meet subject credit requirements.	This field is optional and does not report.	O		
individualPlan	An indicator of whether the GraduationPlan is tailored for an individual.	This field is optional and does not report.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
requiredAssessments	An unordered collection of graduation Plan Required Assessments. The total credits required for graduation by taking a specific course, or by taking one or more from a set of courses.	This field is optional and does not report.	O		
totalRequiredCredit Conversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.	This field is optional and does not report.	O		
totalRequiredCredits	The total number of credits required for graduation under this plan.	<ol style="list-style-type: none"> <li>1. Report '0' when the program is 'Career and Technical Education'.</li> <li>2. When reporting from a Graduation Plan, sum the total number of required credits associated with the program being reported.</li> </ol>	M	Calculated value from the CreditRequirement table.	
totalRequiredCreditType Descriptor	The type of credits or units of value awarded for the completion of a course.	This field is optional and does not report.	O		