

# MN v3.3 - Student Special Education Program Associations

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[Object Triggering Logic | School Exclude, Calendar Exclude, Resource Toggle and Resync Logic | Natural Key Changes, Cascading Updates, and Deletes Logic | Scope Year Logic | Resource Preferences | Identity Mapping Object Key | Event Queue Detail | Object Data Elements | Resource Preferences Continued](#)

Reports the Special Education data for a student.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When an IEP is created, locked, and overlaps the configured year and the student has an enrollment in the configured year that has a Special Ed Service value of '4', '5', '6', or '7'.</p> <p>OR</p> <p>The student has a State Reporting SPED record (Sped Enrollment fields) with a Special Ed Service value of '4', '5', '6', or '7' that overlaps the configured year and the student has an enrollment in the configured year.</p> <ul style="list-style-type: none"> <li>When a student has two enrollments in the same School, Calendar &amp; Schedule Structure with the same start date, report from the enrollment service type in the following order:               <ol style="list-style-type: none"> <li>P: Primary Enrollment</li> <li>S: Partial/Ancillary</li> <li>N: Special Ed Services</li> </ol> </li> <li>When an enrollment with a higher priority is deleted, the enrollment with lower priority will post a new record.</li> <li>Do not send a record if enrollment is in a calendar marked as Exclude.</li> <li>Do not send a record if enrollment is in a school marked as Exclude.</li> <li>Do not send a record if enrollment is marked as No Show.</li> <li>Do not send records if the Calendar Grade Level "Exclude from State Reporting" checkbox is selected for the grade level that the student's enrollment is tied to.</li> </ul>
Put	<p>When the disability values are changed:</p> <ul style="list-style-type: none"> <li>When the End Date value changes.</li> <li>When the Special Ed Disability Setting value changes.</li> <li>When the Service Hours value changes.</li> </ul>
Delete	<p>When the Special Ed Service value changes from '4', '5', '6', or '7'.</p> <ul style="list-style-type: none"> <li>When all enrollment records with a Special Ed Service value of '4', '5', '6' or '7' are deleted.</li> <li>If the student's enrollment is marked as No Show.</li> <li>The state reporting record (SpEd enrollment fields) no longer overlaps the configured year.</li> <li>The IEP no longer overlaps the configured year.</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	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.

Action	Trigger
Resync	If a 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 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 changes: <ul style="list-style-type: none"> <li>• LEA Reference - District Numbers cannot change after data has been sent. If a district number changes, we would expect an Ed-Fi error and this change would not be supported.</li> <li>• If an Ed-Fi ID changes, a delete/post will occur with the cascading deletes from the Ed-Fi ID Change triggers.</li> <li>• If the IEP Start Date changes the resource will delete/repost.</li> </ul>
Delete	Cascading Deletes: N/A there are no dependent resources.

## Scope Year Logic

This table describes scope year logic of this object.

Business Rules
The record will send to any year with which the IEP or State Reporting record overlaps.
Data will only send for the years that have valid configuration.

## Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Special Education Setting Descriptors OR Special Education Setting Descriptors OR Special Education Setting Descriptors	Enrollment Special Ed Setting  Plan Special Ed Setting  State Reporting Special Ed Setting
Select the Program Type Descriptor associated with this Program	Program Type Descriptor

## Identity Mapping Object Key

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

campusObjectType	Object Key Data Source
Plan	planID
SpecialEDState	specialEDStateID

## Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
plan	Post/Put/Delete	The primary table used for sending data for this resource.
enrollment	Put	Reports ideaEligibility and specialEducationSettingDescriptor.
specialedstate	Post/Put/Delete	The primary table used for sending data for this resource.

## Object Data Elements

This table describes data elements sent within the Student Special Education Program Associations resource.

Data Element Label	Business Requirement	Logic	M, C or O	Location
<b>id</b>	The unique identifier of the resource.		M	
<b>beginDate</b>	The month, day, and year on which the student first received services.	Report the Start Date from the Enrollment record.	M	Student Information > General Enrollments > Start Date  Enrollment.startDate
<b>education Organization Reference</b>	educationOrganizationId The identifier assigned to an education organization.	<ol style="list-style-type: none"> <li>Report the Ed-Fi School ID.</li> <li>If Ed-Fi School ID is NULL, report:               <ol style="list-style-type: none"> <li><b>ttdddsssmmm</b> where:                   <ul style="list-style-type: none"> <li>tt = district type</li> <li>dddd = district number, left zero filled</li> <li>sss = school number, left zero filled</li> <li>mmm = 000 for all organizations reported in Ed-Fi</li> </ul> </li> </ol> </li> <li></li> </ol>	M	School & District Settings > Schools > School Information school record > Ed-Fi School ID  tt: School & District Settings > District > District Information district record > Type  dddd: School & District Settings > District > District Information district record > State District Number  SSS: School & District Settings > School Information school record > State School Number  School.entityID District.type District.number School.number

Data Element Label	Business Requirement	Logic	M, C or O	Location												
<b>programReference</b>	<p>educationOrganizationId The identifier assigned to an education organization. programName</p> <p>The formal name of the Program of instruction, training, services, or benefits available through federal, state, or local agencies.</p> <p>programTypeDescriptor The type of program.</p>	<p>Report the following values within the program.</p> <ul style="list-style-type: none"> <li>educationOrganizationId: <ul style="list-style-type: none"> <li>Report the Ed-Fi District Number, if it exists</li> <li>If Ed-Fi District Number is NULL, report: <ol style="list-style-type: none"> <li><b>ttdddss</b> where: <ol style="list-style-type: none"> <li>tt = district type</li> <li>ddd = district number, left zero filled</li> <li>sss = 000</li> </ol> </li> </ol> </li> </ul> </li> <li>programName: 'Special Education'</li> <li>programTypeDescriptor: 'Special Education'</li> </ul>	M	<p>School &amp; District Settings &gt; District &gt; District Information district record &gt; Ed-Fi District Number</p> <p>tt: School &amp; District Settings : District &gt; District Information district record &gt; Type</p> <p>ddd: School &amp; District Settin District &gt; District Information district record &gt; State District Number</p> <p>District.entityID District.type District.number</p>												
placingLocal EducationAgency Reference	<p>The identifier assigned to a local education agency.</p>	<ol style="list-style-type: none"> <li>Look to see if the Placing District is not Null. <ol style="list-style-type: none"> <li>If so, report the Placing District Number.</li> <li>Otherwise, do not report.</li> </ol> </li> </ol>	C	<p>Student Information &gt; General Enrollments &gt; Special Ed Field Placing District</p> <p>EnrollmentplacingDistrict</p>												
<b>disabilities</b>	<p>An unordered collection of student Special Education Program Association Disabilities. The disability condition(s) that best describes an individual's impairment, as related to special education services received.</p> <p>disabilityDescriptor A disability category that describes a child's impairment.</p> <p>orderOfDisability The order by severity of student's disabilities: 1- Primary, 2 - Secondary, 3 - Tertiary, etc.</p>	<ol style="list-style-type: none"> <li>Report all disability values saved in the enrollment record that are mapped to a valid disabilityDescriptor value <ul style="list-style-type: none"> <li>report the orderOfDisability according to the chart below</li> </ul> </li> <li>If there are no mapped disability values, do not report.</li> </ol> <table border="1" data-bbox="715 1397 1090 1800"> <thead> <tr> <th>#</th> <th>Disability Field Name</th> <th>orderOfDisability value</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Primary Disability</td> <td>1</td> </tr> <tr> <td>2</td> <td>Secondary Disability 1</td> <td>2</td> </tr> <tr> <td>3</td> <td>Secondary Disability 2</td> <td>3</td> </tr> </tbody> </table>	#	Disability Field Name	orderOfDisability value	1	Primary Disability	1	2	Secondary Disability 1	2	3	Secondary Disability 2	3	M	<p>Student Information &gt; General Enrollments &gt; Special Ed Field Primary Disability</p> <p>Student Information &gt; General Enrollments &gt; Special Ed Field Secondary Disability 1</p> <p>Student Information &gt; General Enrollments &gt; Special Ed Field Secondary Disability 2</p> <p>Enrollment.disability1</p> <p>Enrollment.disability2</p> <p>Enrollment.disability3</p>
#	Disability Field Name	orderOfDisability value														
1	Primary Disability	1														
2	Secondary Disability 1	2														
3	Secondary Disability 2	3														

Data Element Label	Business Requirement	Logic	M, C or O	Location
endDate	The month, day, and year on which the Student exited the Program or stopped receiving services.	<ol style="list-style-type: none"> <li>1. Report the Start Date from the Enrollment record, if it exists.</li> <li>2. Otherwise, do not report.</li> </ol>	C	Student Information > General Enrollments > End Date  Enrollment.endDate
ideaEligibility	Indicator of the eligibility of the student to receive special education services according to the Individuals with Disabilities Education Act (IDEA).	This is optional, does not report.	O	
iepBeginDate	The effective date of the most recent IEP.	This is optional, does not report.	O	
iepEndDate	The end date of the most recent IEP.	This is optional, does not report.	O	
iepReviewDate	The date of the last IEP review.	This is optional, does not report.	O	
lastEvaluationDate	The date of the last special education evaluation.	This is optional, does not report.	O	

Data Element Label	Business Requirement	Logic	M, C or O	Location
medicallyFragile	Indicates whether the Student receiving special education and related services is: 1) in the age range of birth to 22 years, and 2) has a serious, ongoing illness or a chronic condition that has lasted or is anticipated to last at least 12 or more months or has required at least one month of hospitalization, and that requires daily, ongoing medical treatments and monitoring by appropriately trained personnel which may include parents or other family members, and 3) requires the routine use of medical device or of assistive technology to compensate for the loss of usefulness of a body function needed to participate in activities of daily living, and 4) lives with ongoing threat to his or her continued well-being. Aligns with federal requirements.	This is optional, does not report.	O	
multiplyDisabled	Indicates whether the Student receiving special education and related services has been designated as multiply disabled by the admission, review, and dismissal committee as aligned with federal requirements.	This is optional, does not report.	O	
reasonExited Descriptor	This descriptor defines the reason a student exited a program.	This is optional, does not report.	O	

Data Element Label	Business Requirement	Logic	M, C or O	Location
schoolHoursPerWeek	Indicate the total number of hours of instructional time per week for the school that the student attends.	This is optional, does not report.	O	
servedOutsideOfRegularSession	Indicates whether the Student received services during the summer session or between sessions.	This is optional, does not report.	O	
serviceProviders	An unordered collection of student Special Education Program Association Service Providers. The staff providing Special Education services to the student.	This is optional, does not report.	O	
specialEducationHoursPerWeek	The number of hours per week for special education instruction and therapy.	This is optional, does not report.	O	
specialEducationProgramServices	An unordered collection of student Program Association Services. This association represents the Special Education program(s) that a student participates in or receives services from.	This is optional, does not report.	O	
specialEducationSettingDescriptor	The major instructional setting (more than 50 percent of a student's special education program).	<ol style="list-style-type: none"> <li>1. Report the mapped descriptor value to any setting value saved in the enrollment record.</li> <li>2. If there are no mapped setting values, do not report.</li> </ol>	C	Student Information > General Enrollments > Special Ed Field Special Ed Disability Setting Enrollment.specialEdSetting

Data Element Label	Business Requirement	Logic	M, C or O	Location
specialEducation ServiceHours	Special Education Service Hours	<p>The number of hours the student received Special Ed services with a Special Ed status of 4 or 6.</p> <ol style="list-style-type: none"> <li>If Special Ed Service value = '4' or '6', report any numeric value saved in the enrollment record (UI has a 6 character max). Round the value up or down to only report one decimal. (0-4: round down, 5-9 round up).</li> <li>Otherwise, do not report.</li> </ol> <p>If 'Service Hours' is null, report the Direct and Indirect minutes per session from the student's IEP. This field includes an implied decimal. Service Hours are calculated as follows:</p> <ul style="list-style-type: none"> <li>The sum of Direct and Indirect Minutes for each individual Service is multiplied by the Number of Sessions per Frequency and the Total is then divided by Service Frequency. <ul style="list-style-type: none"> <li>Service Frequency is expressed as follows: <ul style="list-style-type: none"> <li>Day = 1</li> <li>Week = 5</li> <li>Term = 36 divided by # of Terms, all multiplied by 5</li> <li>Month = 20</li> <li>Year = 180</li> </ul> </li> </ul> </li> <li>Number of Days In Service in the MARSS record is determined as the days between the Start and End Dates of the service (STS_BEG_DAT and STS_END_DAT). Only Instructional days are considered in this count.</li> <li>Service Hours are calculated as Minutes multiplied by Days, then divided by 60.</li> <li>Service Hours from multiple services in the same IEP are combined as one total.</li> </ul>	C	<p>Student Information &gt; General Enrollments &gt; Special Ed Field Service Hours</p> <p>EnrollmentMN.specialService</p>

## Resource Preferences Continued

The Ed-Fi Configuration tool is used to establish Ed-Fi data resources.

The following describes how to set the resource preferences for the Student Special Education Program Association resource. If the Configure or Edit buttons do not display, then the resource does not need to be mapped and the toggle button can be used to turn the resource on or off.

If a mapping is changed, a resync must be performed on the resource in order for the new mappings to send



correctly. Any item not mapped will not report to Ed-Fi.

1. Select the appropriate **Ed-Fi Code** for the Special Education Setting Descriptors.

### Enrollment Special Ed Disability Setting

Attribute Dictionary      System Settings > Custom Data and Links > Core Attribute Dictionary > Enrollment > Special Ed Disability Setting

UI Location                Student Information > General > Enrollments > Special Ed Fields > Special Ed Disability Setting

Enrollment Special Ed Disability Setting	Ed-Fi Code
00: No IEP/IFSP/IIIP	00: 00 No IEP/IFSP
01: K12: Outside of regular class less than 21% of day	01: 01 Outside of regular class room less t
02: K12: Resource Room between 21% and 60% of day	02: 02 Resource room between 21 percent
03: K12: Separate classroom more than 60% of day	03: 03 Separate classroom more than 60 p
04: K12: Public separate school facility > than 50%	04: 04 Public separate day school facility >
05: K12: Private separate school facility > than 50%	05: 05 Private separate day school facility
06: K12: Public residential facilities > than 50%	06: 06 Public residential facilities greater ti
07: K12: Private residential facility > than 50%	07: 07 Private residential facility greater th
08: K12: Homebound/hospital placement	08: 08 Homebound/hospital placement
11: Early Int: Developmental Delays/Disabilities	11: 11 Designed for children with developr
12: Early Int: Typically developing	12: 12 Designed for typically developing ct
13: Early Int: Home	13: 13 Home
14: Early Int: Hospital Inpatient	14: 14 Hospital (inpatient)
15: Early Int: Residential Facility	15: 15 Residential Facility
16: Early Int: Service Provider Location	16: 16 Service provider location
17: Early Int: Other Setting	17: 17 Other setting
30: EC stu age 3-5 rec svc in approved voluntary pre-k	30: 30 Child receiving special education se
31: Reg EC atleast 10 hrs/week and rec svc in setting	31: 31 Regular EC or KG more than 10 hrs/
32: Reg EC atleast 10 hrs/week but rec maj svc elswhr	32: 32 Regular EC or KG more than 10 hrs/
33: Reg EC upto 10 hours/week and rec svc in setting	33: 33 Regular EC or KG up to 10 hrs/week
34: Reg EC upto 10 hours/week but rec maj svc elswhr	34: 34 Regular EC or KG up to 10 hrs/week
39: ECSE student enrolled in/receiving sped services in an approved School Readiness Plus (SRP)	39: 39 Child enrolled in and receiving spec
41: Separate Class	41: 41 Separate Class
42: Separate School	42: 42 Separate School
43: Residential Facility	43: 43 Residential Facility

2. Select the appropriate **Ed-Fi Code** for the Disability Descriptors.

### Disability

Attribute Dictionary      System Settings > Custom Data and Links > Core Attribute Dictionary > Enrollment > Primary Disability

UI Location                Student Information > General > Enrollments > Special Ed Fields

Disability Descriptors	
Disability	Ed-Fi Code
00: Not Disabled	<input type="text"/>
01: Speech/language impaired	01: 01 – Speech or Language Impairments ▼
02: Developmental Cognitive Disabilities:Mild-Moderate	02: 02 –Developmental Cognitive Disability ▼
03: Developmental Cognitive Disabilities:Severe-Profnd	03: 03 –Developmental Cognitive Disability ▼
04: Physically impaired	04: 04 – Physically Impaired ▼
05: Deaf-Hard of Hearing	05: 05 – Deaf and Hard of Hearing ▼
06: Visually impaired	06: 06 – Visually Impaired ▼
07: Specific learning disabilities	07: 07 – Specific Learning Disability ▼
08: Emotional/behavioral disorders	08: 08 – Emotional or Behavioral Disorders ▼
09: Deaf/Blind	09: 09 – Deaf – Blind ▼
10: Other health disabilities	10: 10 – Other Health Disabilities ▼
11: Autism Spectrum Disorder	11: 11 – Autism Spectrum Disorders ▼
12: Developmental Delay	12: 12 – Developmental Delay ▼
14: Traumatic brain injury	14: 14 - Traumatic Brain Injury ▼
16: Severely Multiply Impaired	16: 16 – Severely Multiply Impaired ▼
54: 504 Accommodation Plan	<input type="text"/>

3. Click **Save**.