

# Ed-Fi 2.x Student Cohort Association Entity Mapping

## Overview

Use this page to help understand and define the mapping of Aeries data to Ed-Fi data



## Status

Ready for certification

Document Version 1.5

Last Updated 25 Feb 2020

## Links

### Entity

<https://mappingedu.ed-fi.org/#!/entity/e8cdf4aa-4ed2-e811-80d9-005056b36109/info?dataStandardId=db3697f4-4dd2-e811-80d9-005056b36109>

### Scenarios

<https://techdocs.ed-fi.org/display/EDFICERT/StudentCohort+%3E+StudentCohortAssociation+Scenarios>

### Schema

<https://schema.ed-fi.org/datahandbook-v22/Ed-Fi-UDM-Handbook-Index.html#/StudentCohortAssociation605>

## Root Table

SGM

## SQL

### Scheduled

#### SGD\_Functions.GetEdFiDataTable\_StudentCohortAssociation

```
DECLARE @intYear smallint;
SET @intYear = CONVERT(smallint, (SELECT TOP 1 Year(DT) [YR] FROM [DAY] WHERE [DEL] = 0 ORDER BY [DT]))
SELECT [SGD].[SCL], [SGM].[GI], [SGM].[ID], '7/1/' + CONVERT(varchar, @intYear) StartDate, '6/30/' + CONVERT
(varchar, @intYear + 1) EndDate
FROM [SGD] INNER JOIN [SGM] ON [SGD].[GI] = [SGM].[GI]
WHERE [SGM].[DEL] = 0 AND [SGD].[DEL] = 0
AND [SGM].[ID] IN (SELECT [ID] FROM [STU] WHERE [DEL] = 0 AND ([TG] = '' OR [TG] = ' ') AND ([SC] = @SCL))
AND ([SGD].[SCL] = @SCL)
```

### Real-Time

#### SGD\_Functions.GetEdFiDataTable\_StudentCohortAssociation

```
DECLARE @intYear smallint;
SET @intYear = CONVERT(smallint, (SELECT TOP 1 Year(DT) [YR] FROM [DAY] WHERE [DEL] = 0 ORDER BY [DT]))
SELECT [SGD].[SCL], [SGM].[GI], [SGM].[ID], '7/1/' + CONVERT(varchar, @intYear) StartDate, '6/30/' + CONVERT
(varchar, @intYear + 1) EndDate
FROM [SGD] INNER JOIN [SGM] ON [SGD].[GI] = [SGM].[GI]
WHERE [SGM].[DEL] = 0 AND [SGD].[DEL] = 0
AND [SGM].[ID] IN (SELECT [ID] FROM [STU] WHERE [DEL] = 0 AND ([TG] = '' OR [TG] = ' ') AND ([SC] = @SCL))
AND ([SGD].[SCL] = @SCL)
AND [SGM].[DTS] >= @TimeSince
```

# Entity Mapping

Parent	Property	DataType	Cardinality	Table	Field	Other	Code / Notes
\	beginDate	Date	Identity		StartDate	"7/1/" + Current Year	GetNullableDate(s("StartDate"))
\	cohortReference	CohortReference	Identity				
cohortReference	educationOrganizationId	Integer	Identity	SGD	SCL		If(scl > 0, scl. Value, DistrictId)
cohortReference	identifier	String	Identity	SGM	GI		GetString(s("GI"))
cohortReference	link	Link	Optional				
\	endDate	Date	Required		EndDate	"6/30/" + Current Year + 1	GetNullableDate(s("EndDate"))
\	sections	List(Of StudentCohort AssociationSection)	Optional				
sections[n]	sectionReference	SectionReference	Optional				
sections[n] \sectionReference	classPeriodName	String	Optional				
sections[n] \sectionReference	classroom IdentificationCode	String	Optional				
sections[n] \sectionReference	link	Link	Optional				
sections[n] \sectionReference	localCourseCode	String	Optional				
sections[n] \sectionReference	schoolId	Integer	Optional				
sections[n] \sectionReference	schoolYear	Integer	Optional				
sections[n] \sectionReference	sequenceOfCourse	Integer	Optional				
sections[n] \sectionReference	termDescriptor	<a href="#">TermDescriptor</a> <a href="#">TermMapType</a>	Optional				
sections[n] \sectionReference	uniqueSectionCode	String	Optional				
\	studentReference	StudentReference	Identity				
studentReference	link	Link	Optional				
studentReference	studentUniqueId	String	Identity	SGM	ID		GetString(s("ID"))