Core SIF - StudentAcademicRecord

Last Modified on 12/14/2025 8:45 pm CST

Tool Search: SIF

> The current version of SIF is v2.7.

This object conveys a student's academic record data for student record exchange and transcript purposes.

This object is designed to be a dual-purpose object. It can be linked to a StudentRecordExchange object for record exchange purposes. There may also be Zones where systems can provide this information for record exchange systems or general informational purposes, in which case the object can be linked directly to Student Personal

SIF_Events are **NOT** reported for this object.
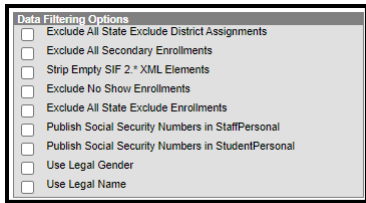
Batch Condition

Existing SIF_Condition elements to support:

1. @SIF_RefID
2. @StudentSchoolEnrollmentData/SchoolAttendedRefId
3. @StudentSchoolEnrollmentData/GradeLevel/Code

Object Triggering

SIF Events are NOT reported for this object

Object Population and Business Rules

Requirements
The district belongs to the same calendar and year assigned to the SIF Zone.
Any Student with an enrollment in the zone scope.
Report 1 unique RefId for each district and only send one value on each StudentSectionMarks and SectionMarkInfo.
Transcript record must exists for the Student.
Exclude State Exclude (zone options).
Exclude No Show (regardless of zone options).
Calendar "SIF Exclude".
Grade Level > Exclude From SIF Reporting.
(Note: These are MA Object Population and Business Rules) Report only the marks from a Grading Task or Standard that has the term mask checked for the term, and only for those terms in which the section is scheduled. 1. A mark will be reported for each that populates a StudentSectionMarks object for a student in the section.
Follow SIF Zone Options Rules for Zones:
Do Not Report when the Calendar > 'Exclude from SIF Exchange' is selected.

Object Data Elements

Data Element Label	Description	Business
@RefId	The Id (GUID) of this record.	

Data Element Label	Description	Business
@SIF_RefId	The GUID of an associated object, either StudentRecordExchange or StudentPersonal.	The Person
@SIF_RefObject	The associated object type.	Reports "St
ReportingDate	The date this record was prepared.	Reports the
StudentSchoolEnrollmentData	Collects elements of interest from StudentSchoolEnrollment.	
StudentSchoolEnrollmentData/ @SchoolAttendedRefId	References the school of record for the student (see SchoolAttended). The GUID that identifies this school.	Reports the
StudentSchoolEnrollmentData/GradeLevel	Grade or academic level	
StudentSchoolEnrollmentData/GradeLevel/Code	Code representing the grade level	Reports the mapped to
StudentSchoolEnrollmentData/GradeLevel/OtherCodeList		
StudentSchoolEnrollmentData/GradeLevel/ OtherCodeList/OtherCode	A state/province code, local code, other code or a text string that crosswalks to or serves as a translation of an associated Code element	The studen
StudentSchoolEnrollmentData/GradeLevel/ OtherCodeList/ @Codeset	Describes the OtherCode element content as either a state/province code, a local code, other code, or text string	Report "Sta
StudentSchoolEnrollmentData/ Advisor		This is Opti
StudentSchoolEnrollmentData/ Counselor		This is Opti
DistrictEntryDate	The date the student originally enrolled in the district of the school of record	This is Opti
SchoolAttendanceHistory	Chronology of schools attended in the student's academic career, including the current school if enrolled.	
SchoolAttendanceHistory/SchoolAttended	Data about each individual school attended.	
SchoolAttendanceHistory/SchoolAttended/ @RefId	Id used internally to StudentAcademicRecord to avoid duplication of school-related data.	Requires a school. Rep
SchoolAttendanceHistory/SchoolAttended/LEAInfoData	Collects elements of interest from LEAInfo.	
SchoolAttendanceHistory/SchoolAttended/ LEAInfoData/StateProvinceId	The identifier for this entity as assigned by the state or province	The Distric school
SchoolAttendanceHistory/SchoolAttended/ LEAInfoData/LEAName	Name of Local Education Agency	The district
SchoolAttendanceHistory/SchoolAttended/ SchoolInfoData	Collects elements of interest from SchoolInfo.	
SchoolAttendanceHistory/SchoolAttended/ SchoolInfoData/LocalId	This is a common element used to define the locally assigned identifier associated with an entity. It is used in StudentPersonal, StaffPersonal, SchoolInfo, and other objects.	Reports the
SchoolAttendanceHistory/SchoolAttended/ SchoolInfoData/StateProvinceId	The identifier for this entity as assigned by the state or province.	The Distric school.
SchoolAttendanceHistory/SchoolAttended/ SchoolInfoData/SchoolName	Name of the school	Reports the
SchoolAttendanceHistory/SchoolAttended/ SchoolInfoData/SchoolContactList	A list of contact persons associated with a school	
SchoolAttendanceHistory/SchoolAttended/ SchoolInfoData/SchoolContactList/SchoolContact	Information on contact persons for this school	

Data Element Label	Description	Business
SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/ SchoolContactList/SchoolContact/ContactInfo		
SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/ SchoolContactList/SchoolContact/ContactInfo/Name	Name of the contact person	
SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/ SchoolContactList/SchoolContact/ContactInfo/Name @Type	Code that specifies what type of name this is. If unsure, use 04	Reports "04
SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/ SchoolContactList/SchoolContact/ContactInfo/Name/LastName	The last name	The Princip
SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/ SchoolContactList/SchoolContact/ContactInfo/Name/FirstName	The first name	The Princip
SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/ SchoolContactList/SchoolContact/ContactInfo/PostitionTitle	The position title. Example: Principal	Reports the
SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/ SchoolContactList/SchoolContact/ContactInfo/PhoneNumberList	List of Phone Number elements	
SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/ SchoolContactList/SchoolContact/ContactInfo/PhoneNumberList/ PhoneNumber		
SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/ SchoolContactList/SchoolContact/ContactInfo/PhoneNumberList/ PhoneNumber Type	Code that specifies what type of phone number this is. Note: A subset of valid values may be specified in data objects	Reports "00
SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/ SchoolContactList/SchoolContact/ContactInfo/ PhoneNumberList/PhoneNumber/Number	Phone number. Free-form, but typical U.S. formats include: (###) ###-#### ###-####	Reports the
SchoolAttendanceHistory/SchoolAttended/MarkingSystems	Note: Mandatory if school of record. Marking systems/grading tables used by the school.	Reports wh score in a c
SchoolAttendanceHistory/SchoolAttended/MarkingSystems/ MarkValueInfoData	Marking system/grading table used by the school	
SchoolAttendanceHistory/SchoolAttended/MarkingSystems/ MarkValueInfoData @RefId	Id used internally to StudentAcademicRecord to link marks to their marking systems.	Report the Group.
SchoolAttendanceHistory/SchoolAttended/MarkingSystems/ MarkValueInfoData/Name	The text name of the value list ("Letter Grades", "Letter Grades (+/-)", "ESU", "Pass/Fail", "Override Grades", "Citizenship Comment Codes", etc.).	1. If all o are nu each e group 1. N 2. If the both, 1. If s 2. C
SchoolAttendanceHistory/SchoolAttended/ MarkingSystems/MarkValueInfoData/ Numeric	Indicates whether a raw numeric score is accepted.	Score Grou numeric (w
SchoolAttendanceHistory/SchoolAttended/ MarkingSystems/MarkValueInfoData/ Numeric/Precision	Number of significant digits.	Reports "3"
SchoolAttendanceHistory/SchoolAttended/ MarkingSystems/MarkValueInfoData/ Numeric/Scale	Number of decimal places.	Reports "3"
SchoolAttendanceHistory/SchoolAttended/MarkingSystems/ MarkValueInfoData/Letter	Indicates whether a letter Mark is accepted	
SchoolAttendanceHistory/SchoolAttended/MarkingSystems/ MarkValueInfoData/Letter/ValidMark	List of specific valid letter Marks	Reports list repeated fo
SchoolAttendanceHistory/SchoolAttended/MarkingSystems/ MarkValueInfoData/Letter/ValidMark/Code	String representing the actual Mark that would appear on the report card (e.g., "A+", "I", "100").	Report the that contai IF ISNUMEF THEN dbo.S

Data Element Label	Description	Business
EnrollmentHistory	*A list of each enrollment in the schools above (see SchoolAttended).*	*Optional. D*
CurrentCourseActivity	Note: Mandatory if coursework is underway. Conveys a student's current coursework along with mid-term marks if applicable.	Reports wh course in tl Note: Curre whose tran
CurrentCourseActivity/TermInfoData	Collects elements of interest from TermInfo.	
CurrentCourseActivity/TermInfoData @SchoolAttendedRefId	Reference to the school of record for the courses being taken (see SchoolAttended).	
CurrentCourseActivity/TermInfoData/SchoolYear		1. Repor associ
CurrentCourseActivity/TermInfoData/StartDate		The earlies
CurrentCourseActivity/TermInfoData/TermSpan		
CurrentCourseActivity/TermInfoData/TermSpan/Code	Code for session Type	Calculated Hard Coded When c.sur When Tem When Tem When Tem When Tem When Tem When Tem When Tem ELSE 9999 Note: term update whe calendar is must be re
CurrentCourseActivity/Courses	Courses being taken	
CurrentCourseActivity/Courses/Course	Course being taken	
CurrentCourseActivity/Courses/Course/SchoolAttendedRefId	Reference to the school where the course is being taken (see SchoolAttended); may be omitted if the school is the same as the school of record.	
CurrentCourseActivity/Courses/Course/SchoolCourseInfoData	Collects elements of interest from SchoolCourseInfo.	
CurrentCourseActivity/Courses/Course/SchoolCourseInfoData/ CourseCode	School defined local code for a course	Reports the
CurrentCourseActivity/Courses/Course/SchoolCourseInfoData/ StateCourseCode	State defined standard course code used to report information about courses	When State reported.
CurrentCourseActivity/Courses/Course/SchoolCourseInfoData/ DistrictCourseCode	A district course code	Only report null.
CurrentCourseActivity/Courses/Course/SchoolCourseInfoData/ CourseTitle	Title of a course	Reports the
CurrentCourseActivity/Courses/Course/MarkingPeriod		Reports the
CourseHistory	Conveys the coursework completed, performance and attendance information for a student's academic career.	1: Courses 2: Courses district 3: Courses Note: • If Stat report • If Stat

Data Element Label	Description	Business
CourseHistory/Term	Time spans by which courses are grouped	
CourseHistory/Term/TermInfoData	Collects elements of interest from TermInfo	
CourseHistory/Term/TermInfoData/ @SchoolAttendedRefId	Reference to the school of record for the time span (see School Attended)	The GUID t
CourseHistory/Term/TermInfoData/ SchoolYear	School year for which this information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2004" for the 2003-04 school year)	
CourseHistory/Term/TermInfoData/ StartDate		Reports the
CourseHistory/Term/TermInfoData/ EndDate		Reports the
CourseHistory/Term/TermInfoData/ TermCode		
CourseHistory/Term/TermInfoData/ TermSpan		
CourseHistory/Term/TermInfoData/ TermSpan/Code	Code for session type	Calculated Hard Code When c.sur When Tem When Tem When Tem When Tem When Tem When Tem When Tem ELSE 9999 Note: term update wh calendar is must be re
CourseHistory/Term/Courses		
CourseHistory/Term/Courses/Course		
CourseHistory/Term/Courses/Course/SchoolAttendedRefId	Reference to the school where the course was taken (see SchoolAttended); may be omitted if the school is the same as the school of record.	The GUID t
CourseHistory/Term/Courses/Course/SchoolCourseInfoData	Collects elements of interest from SchoolCourseInfo.	
CourseHistory/Term/Courses/Course/ SchoolCourseInfoData/CourseCode		
CourseHistory/Term/Courses/Course/ SchoolCourseInfoData/StateCourseCode		
CourseHistory/Term/Courses/Course/ SchoolCourseInfoData/DistrictCourseCode		
CourseHistory/Term/Courses/Course/ SchoolCourseInfoData/CourseTitle		
CourseHistory/Term/Courses/Course/StartDate	Date course section started.	
CourseHistory/Term/Courses/Course/EndDate	Date course section ended.	
CourseHistory/Term/Courses/Course/MarkingPeriods	Student performance/attendance data for each marking period.	

Data Element Label	Description	Business
CourseHistory/Term/Courses/Course/MarkingPeriods/MarkingPeriod	Student performance/attendance data for a marking period.	
CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/SchoolAttendedRefId	Reference to the school where student took the course during the marking period, if different from schools above.	The GUID t
CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/TermInfoData		
CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/TermInfoData/StartDate		
CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/TermInfoData/EndDate		
CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/TermInfoData/TermSpan		

CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/TermInfoData/TermSpan/Code	Code for session type.	1:
		When Cale
		checked: 0
		
		Otherwise,
		  1. When
		  2. When
		  3. When
		  4. When
		  5. When
		  6. When
		
		Otherwise:
		2,3: 9999

CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/GradeLevelWhenTaken	Student's grade level at time of course.	

CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/GradeLevelWhenTaken/Code	Code representing the grade level.
	Note: Student's Transcript grade level record.
		Check the
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		known NCB
		• If ther
		  (Grade
		  check
		  exists
		  grade
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CourseHistory/Term/Courses/ Course/MarkingPeriods/MarkingPeriod/ MarkData	CourseHistory/Term/Courses/ Course/MarkingPeriods/MarkingPeriod/ MarkData	
CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/MarkData/@ MarkValueInfoDataRefId	Reference to marking system at school of record.	
CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/MarkData/Percentage	The percent score for this mark (0.00 - 100.00).	
CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/MarkData/Numeric	The raw numeric score for this mark.Note: This element to be deprecated.	The score r to report
CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/CourseCreditsAttempted	Number of course credits attempted.	
CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/CourseCreditsEarned	Number of course credits earned.	

Data Element Label	Description	Business
CourseHistory/Term/Courses/Course/MarkingPeriods/ MarkingPeriod/CreditType	Type of credit.	
AcademicPerformanceHistory		This is Opti
AcademicPerformanceSummary	Provides a summary of a student's academic performance by reporting period.	
AcademicPerformanceSummary/ TotalCreditsAttempted	Total credits attempted during academic career.	The sum of all course r
AcademicPerformanceSummary/ TotalCreditsEarned	Total credits earned during academic career.	The sum of course reco
AcademicPerformanceSummary/ CumulativeGPACreditsEarned	Cumulative number of GPA credits earned during academic career.	Reports the calculate th
AcademicPerformanceSummary/ CumulativeGradePoints	Cumulative number of grade points earned during academic career.	The sum of across all c When Null,
AcademicPerformanceSummary/ CumulativeGPA	Cumulative grade point average for academic career.	Reports the cumulative 1. 1. T T e t 2. V u V s 3. S t V r
AcademicPerformanceSummary/ ClassRank	Student's rank in graduating class.	Reports the 99.99
AcademicPerformanceSummary/ ClassTotalNumber	Total number of students in student's graduating class.	The numbe class rank.
AcademicPerformanceSummary/ GraduationDate	Note: Mandatory if graduated. Graduation date.	Reports the
AcademicPerformanceSummary/ GraduationDiplomaType	Note: Mandatory if graduated. Type of diploma earned.	Reports 1 f Reports 2 f Reports 3 f
AssessmentPerformanceHistory	Note: Mandatory if assessments exist. Conveys a history of assessments that the student has taken throughout his/her academic career.	Reports on Reports bla have an as following: National Te
AssessmentPerformanceHistory/ Assessment	A record of performance on an individual assessment.	Repeats a assigned to following: National Te
AssessmentPerformanceHistory/ Assessment/Name	Textual description of assessment.	Reports the the topmos
AssessmentPerformanceHistory/ Assessment/AdministrationDate	Date the assessment was administered, year is required.	Reports the assessmen When the D Date from attached, b and workin is found. Otherwise,

Data Element Label	Description	Business
AssessmentPerformanceHistory/ Assessment/StudentGradeLevelWhenAssessed	Student's grade level when assessed.	Reports the
AssessmentPerformanceHistory/ Assessment/StudentGradeLevelWhenAssessed/Code	The code used to identify the student's grade level when assessed.	Reports the 1. Repor code) level r 　○ If g E
AssessmentPerformanceHistory/ Assessment/SubtestCategory	The subtest or subject category of the assessment.	Reports the Reports on
AssessmentPerformanceHistory/ Assessment/TestScoreType	Type of test score.	Hard Code Reports 04 For other c NCES0056/
AssessmentPerformanceHistory/ Assessment/TestScore	Test score.	Reports the hierarchy: 1. Scale Sc 2. Result 3. Raw Sco 4. Percenti 5. Percent 6. Normal (When the a reports bla
AdditionalGraduationRequirementPerformanceHistory	Note: Mandatory if additional graduation requirements exist. Conveys a student's achievements in relation to additional graduation requirements.	1. Repor the fo 　1. A n F a S t 　2. T c c S f 2. Else d
AdditionalGraduationRequirementPerformanceHistory/Requirement	A record of performance in an individual graduation requirement.	1. Repor that h course 2. When course Requi and S 　1. V s a e r
AdditionalGraduationRequirementPerformanceHistory/Requirement/ Name	Textual description of the requirement.	1. Repor Stand Bank> Detail Code

Data Element Label	Description	Business
AdditionalGraduationRequirementPerformanceHistory/Requirement/ Method	The method by which the requirement was met.	1. When Bank> Detail the va the as 1. V C 2. When Bank> Detail
AdditionalGraduationRequirementPerformanceHistory/Requirement/ Status	Student's status with regard to the requirement.	1. When this St Check 1. F 2. Other
AdditionalGraduationRequirementPerformanceHistory/Requirement/ StatusDeterminationDate	Date the student's status was determined.	1. Repor End D
ActivityAwardHistory	Note: Mandatory if activities/awards exist. Conveys award the student has received and/or activities in which s/he has been involved.	
ActivityAwardHistory/ActivityAward	A record of an individual award or activity	
ActivityAwardHistory/ActivityAward/ Name	The title that identifies a particular co-curricular or extra-curricular activity.	1. Repor new q derive Type i 2. SQL re CASE WHEN (THEN 'Hon WHEN (THEN 'Inte WHEN (THEN 'Dist WHEN (THEN 'Sch WHEN (THEN 'Salu WHEN (THEN 'Vale WHEN (THEN 'Sch WHEN (THEN 'With

Data Element Label	Description	Business

ActivityAwardHistory/ActivityAward/ InvolvementCode	The code used to identify the co-curricular or extra-curricular activity in which the individual is involved.	1. Repor dbo.G
		
		2. Reports SQL query
		SELECT g.per
		AS 'diploma
		AS 'honorsD
		     ISNUL
		AS 'startDat
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		AS 'endDate
		     CASE
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		THEN 'With
		FROM dbo.Gr
		INNER JOIN #
		g.personID
		INNER JOIN di
		temp.enrollme
		INNER JOIN di
		= 'Graduatio
		INNER JOIN di
		g.diplomaType
		WHERE cd.[n
		like '%inter%
		like '%distin
		OR cd.[n
		like '%salut'
		OR cd.[n
		like '%distin
		GROUP BY g.
		g.grade9Date,
		ORDER BY g.

ActivityAwardHistory/ActivityAward/InvolvementBeginningDate	The month, day, and year on which the individual began to participate in the activity.	1. Repor 2. If not enrolli year
ActivityAwardHistory/ActivityAward/InvolvementEndingDate	The month, day, and year on which the individual ceased to participate in the activity.	1. Repor 2. If not enrolli year
ActivityAwardHistory/ActivityAward/HonorsDescription	A textual description of the distinction or honor.	Reports fro