

# Core SIF - StudentAttendanceSummary

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The current version of SIF is v2.7.

This object provides a summary of a student's daily attendance and membership information for a given school during the time period between the Start Date and End Date, inclusive. As such, there may be multiple instances of this object for a student in a school over the course of a school year or reporting period.

SIF\_Events are NOT reported for this object.

## Object Triggering

SIF Events are NOT reported for this object.

## Object Population and Business Rules

### Requirement

Report for each occurrence of StudentPersonal object for a student.

We ignore non-primary enrollments if the SIF option 'excludeSecondaryEnrollments' is checked. Otherwise we look at all enrollments.

Calendar exclude must not be checked.

Student must not be grade level excluded.

Student must not be enrollment State Exclude or enrollment No Show when the Zone Options excludes these enrollments.

Follow [SIF Zone Options](#) Rules for Zones:

**Data Filtering Options**

- Exclude All State Exclude District Assignments
- Exclude All Secondary Enrollments
- Strip Empty SIF 2 \* XML Elements
- Exclude No Show Enrollments
- Exclude All State Exclude Enrollments
- Publish Social Security Numbers in StaffPersonal
- Publish Social Security Numbers in StudentPersonal
- Use Legal Gender
- Use Legal Name

Do Not Report when the Calendar > 'Exclude from SIF Exchange' is selected.

A Natural RefId is not created for this object, it is created by a compilation of IDs. Users can use other IDs within the object to run batch.

## Object Data Elements

Data Element Label	Description	Business Rules	Data Source GUI Path	Database Field

@RefId	A GUID that identifies an instance of this object. This RefId is a “transient” value; that is, it should be generated by the provider at the time the object is provided in a Response message. This value <b>MUST NOT</b> be used in a later Request for the object.			
@StudentPersonalRefId	The Id (GUID) of the student for whom this attendance information is being reported.			attendance.personId
@SchoolInfoRefId	The Id (GUID) of the school for which this attendance information is being reported.			calendar.schoolId
@SchoolYear	School year for which the information is applicable.			calendar.endYear
StartDate	The starting date on which the information in this object instance is applicable.	The student's earliest date of instruction up to the current date.		day.date
StartDay	Number of the first school day to which this object instance applies.	The instructional day number the student first attended.		day.date
EndDate	The ending date on which the information in this object instance is applicable.	The student's latest date of instruction up to the current date.		day.date
EndDay	Number of the last school day to which this object instance applies.	The instructional day number the student last attended.		day.date
Resident	An indication as to whether or not the student's legal residence was within the boundaries of the school during the time between the StartDate and EndDate, inclusive.  Note: No SIF_Query SIF_Condition support is required for this element.	When the enrollment Resident District is the same as the enrollment district, reports "Yes". When the enrollment Resident District is not the same as the enrollment district, reports "No". When the enrollment Resident District is null, reports "Unknown".		enrollment.residentDistrict

FTE	<p>Full time equivalent numeric value of the student's course load during the time between the StartDate and EndDate, inclusive. Expressed in decimal form, where 1.00 represents a full time enrollment.</p> <p>Deprecated in favor of using the StudentSchoolEnrollmentRefId element below.</p>	Optional. Do not Report.		
DaysAttended	<p>The number of days the student attended school when school was in session between the StartDate and EndDate, inclusive.</p> <p>Note: No SIF_Query SIF_Condition support is required for this element.</p>	<p>The number of days attended MINUS excused and unexcused absences. Reports only for those days where the student is not marked No Show.</p>		

ExcusedAbsences	<p>The number of days the student was absent from school with a valid excuse when school was in session between the StartDate and EndDate, inclusive.</p> <p>Note: No SIF_Query SIF_Condition support is required for this element.</p>	<p>Status of "A" Excuse of "E" Does not include days where the student has marked enrollment No Show.</p> <p>For each period,</p> <ol style="list-style-type: none"> <li>1. Get the number of minutes the student was absent.</li> <li>2. Get GradeLevel standard day if it exists from the Grade Level that the student is enrolled in for this attendance record; otherwise get the calendar student day.</li> <li>3. Get the Period minutes minus passing minutes.</li> <li>4. If (2) does not equal (3) then get (3) multiply by the no. of non instructional period in the period schedule. Otherwise if (2) and (3) are both 0, use 360. Otherwise use (2).</li> </ol>		<p>attendanceExcuse.status OR attendance.status</p> <p>attendanceExcuse.excuse OR attendance.excuse</p>
UnexcusedAbsences	<p>The number of days the student was absent from school without a valid excuse when school was in session between the StartDate and EndDate, inclusive.</p> <p>Note: No SIF_Query SIF_Condition support is required for this element.</p>	<p>Status of "A" Excuse of "U" or null Does not include days where the student has marked enrollment No Show.</p>		<p>attendanceExcuse.status OR attendance.status</p> <p>attendanceExcuse.excuse OR attendance.excuse</p>
DaysTardy	The number of days the student was tardy when school was in session between the StartDate and EndDate, inclusive.	Status of "T" Does not include days where the student has marked enrollment No Show.		<p>attendanceExcuse.status OR attendance.status</p>

DaysInMembership	<p>The number of days the student was present plus the number of days the student was absent when school was in session during the period between the StartDate and EndDate, inclusive.</p> <p>Note: No SIF_Query SIF_Condition support is required for this element.</p>	<p>Count of the number of instructional days the student was enrolled.</p> <p>(DaysAttended PLUS ExcusedAbsences and UnexcusedAbsences)</p>		day.date
StudentSchool EnrollmentRefId	RefId (GUID) of the StudentSchoolEnrollment object instance that corresponds to this object instance.			enrollment.enrollmentId