

Student Attendance Summary

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Student Attendance Summary

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Summary

This object provides a summary of a student's daily attendance and membership information for a given school during the time period between the StartDate and EndDate, 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.

v4.3- <http://specification.sifassociation.org/Implementation/NA/4.3/StudentInformationSystemsWorkingGroup.html#31624StudentAttendanceSummary>

Batch Condition

1. Existing SIF_Condition elements to support:
 - a. @StudentPersonalRefId
 - b. @SchoolInfoRefId
 - c. @SchoolYear
 - d. StartDate
 - e. EndDate

Object Triggering Logic

Action	Business Rule(s)
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Add/ Change/ Delete	N/A for this object since SIF_Events are NOT reported for this object.
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Object Population and Business Rules

#	Requirement
R1	<ul style="list-style-type: none"> Report for each occurrence of StudentPersonal object for a student. Ignore non-primary enrollments if the SIF option 'excludeSecondaryEnrollments' is checked. Otherwise check all enrollments.
R2	<ul style="list-style-type: none"> 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. Do Not Report when the Calendar > 'Exclude from SIF Exchange' is selected
R3	<p>Follow SIF Unity Zone Options Rules for Zones:</p> <p>Exclude:</p> <div> <input type="checkbox"/> No Show Enrollments <input type="checkbox"/> Secondary Enrollments <input type="checkbox"/> State Exclude Enrollments <input type="checkbox"/> State Exclude District Assignments </div> <p>Publish:</p> <div> <input type="checkbox"/> Social Security Numbers in StaffPersonal <input type="checkbox"/> Social Security Numbers in StudentPersonal </div> <p>Demographics:</p> <div> <input type="checkbox"/> Use Legal Gender <input type="checkbox"/> Use Legal Name </div> <p>Note: 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</p>

Object Data Elements Logic

	Data Element Label	Business Rule(s)	M/ C/ O	Data Source GUI Path	Database Field
1	@RefId	<p><i>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 MUST NOT be used in a later Request for the object.</i></p> <hr/> <p>Calculated</p>	M		
2	@StudentPersonalRefId	<p><i>The Id (GUID) of the student for whom this attendance information is being reported.</i></p> <hr/> <p>The RefId for the student.</p>	M		attendance.personId
3	@SchoolInfoRefId	<p><i>The Id (GUID) of the school for which this attendance information is being reported.</i></p> <hr/> <p>The RefId for the school.</p>	M		calendar.schoolId
4	@SchoolYear	<p><i>School year for which the information is applicable.</i></p> <hr/> <p>The school end year.</p>	M		calendar.endYear

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5	StartDate	<p><i>The starting date on which the information in this object instance is applicable.</i></p> <hr/> <p>The student's earliest date of instruction up to the current date.</p>	M	<p>Student Information > General > Enrollment > Start Date</p> <p>Sys Admin > Calendar > Calendar > Days > Instruction</p>	<p>Enrollment.startDate</p> <p>Day.instruction</p> <p>Day.date</p>
6	StartDay	<p><i>Number of the first school day to which this object instance applies.</i></p> <hr/> <p>The instructional day number the student first attended.</p>	M		<p>day.date</p>
7	EndDate	<p><i>The ending date on which the information in this object instance is applicable.</i></p> <hr/> <p>The student's latest date of instruction up to the current date.</p>	M	<p>Student Information > General > Enrollment > End Date</p> <p>Sys Admin > Calendar > Calendar > Days > Instruction</p>	<p>Enrollment.endDate</p> <p>Day.instruction</p> <p>Day.date</p>
8	EndDay	<p><i>Number of the last school day to which this object instance applies.</i></p> <hr/> <p>The instructional day number the student last attended.</p>	M		<p>day.date</p>

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9	Resident	<p><i>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.</i></p> <p><i>Note: No SIF_Query SIF_Condition support is required for this element.</i></p> <hr/> <ol style="list-style-type: none"> 1. When the enrollment Resident District is the same as the enrollment district, reports "Yes". 2. When the enrollment Resident District is not the same as the enrollment district, reports "No". 3. When the enrollment Resident District is null, reports "Unknown". 	M		enrollment. residentDistrict
10	FTE	<i>Optional. Does Not Report</i>			
11	DaysAttended	<p><i>The number of days the student attended school when school was in session between the StartDate and EndDate, inclusive.</i></p> <p><i>Note: No SIF_Query SIF_Condition support is required for this element.</i></p> <hr/> <ol style="list-style-type: none"> 1. The number of days attended MINUS excused and unexcused absences. <ol style="list-style-type: none"> a. Reports only for those days where the student is not marked No Show. 	M		

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12	ExcusedAbsences	<p><i>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.</i></p> <p><i>Note: No SIF_Query SIF_Condition support is required for this element.</i></p> <hr/> <p>1. Where Attendance of Status of "A" and Excuse of "E"</p> <p>2. Does not include days where the student has marked enrollment No Show.</p> <p>For each period,</p> <p>1) Get the number of minutes the student was absent</p> <p>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</p> <p>3) Get the Period minutes minus passing minutes (for certain states)</p> <p>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).</p>	M		<p>attendanceExcuse. status OR attendance. status</p> <p>attendanceExcuse. excuse OR attendance.excuse</p>
13	UnexcusedAbsences	<p><i>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.</i></p> <p><i>Note: No SIF_Query SIF_Condition support is required for this element.</i></p> <hr/> <p>1. Status of "A"</p> <p>2. Excuse of "U" or null</p> <p>3. Does not include days where the student has marked enrollment No Show.</p>	M		<p>attendanceExcuse. status OR attendance. status</p> <p>attendanceExcuse. excuse OR attendance.excuse</p>

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14	DaysTardy	<p><i>The number of days the student was tardy when school was in session between the StartDate and EndDate, inclusive.</i></p> <hr/> <p>1. Status of "T" 2. Does not include days where the student has marked enrollment No Show.</p>	O		attendanceExcuse. status OR attendance. status
15	DaysInMembership	<p><i>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.</i> <i>Note: No SIF_Query SIF_Condition support is required for this element.</i></p> <hr/> <p>1. Count of the number of instructional days the student was enrolled. a. (DaysAttended + ExcusedAbsences and UnexcusedAbsences)</p>	M		day.date
16	InstructionalDeliveryModeList	<i>This Is Optional. Does Not Report.</i>			
17	ExpectationsMets	<i>This Is Optional. Does Not Report.</i>			
18	ExpectationsNotMets	<i>This Is Optional. Does Not Report.</i>			
19	StudentSchoolEnrollmentRefId	<p><i>RefId (GUID) of the StudentSchoolEnrollment object instance that corresponds to this object instance.</i></p> <hr/> <p>Reference for the applicable StudentSchoolEnrollment</p>	O		enrollment. enrollmentId

JSON Sample

```
{
  "StudentAttendanceSummary": {
    "RefId": "359D75101AD0A9D7A8C3DAD0A85103A2",
    "StudentPersonalRefId": "D3476FAE8647384BDA2431EDA3583211",
    "SchoolInfoRefId": "CA285746359D75101A8C36432A901A16",
    "SchoolYear": "2005",
    "StartDate": "2004-08-30",
    "StartDay": 1,
    "EndDate": "2005-06-10",
    "EndDay": 180,
    "Resident": {
      "value": "Yes"
    },
    "FTE": 1.0,
    "DaysAttended": 178,
    "ExcusedAbsences": 2,
    "UnexcusedAbsences": 0,
    "DaysTardy": 3,
    "DaysInMembership": 180
  }
}
```

Appendix