

# Core SIF - StudentSnapshot

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Tool Search: SIF

The current version of SIF is v2.7.

This object provides a snapshot of a student's record on a given day. All information reported in the object is reported as it appeared in the responding system on the date specified in SnapDate. It can be used for synching data across applications, for periodically loading a data warehouse, or for vertical reporting of data to a requesting authority, such as a state department of education.

SIF\_Events are **NOT** reported for this object.

## Object Triggering

SIF Events are NOT reported for this object.

## Object Population and Business Rules

### Requirement

When the student has an enrollment in the School, Year, and Calendar selected on the SIF Zone, report a StudentSnapshot object for their enrollment.

An enrollment in the Zone Scope.

Calendar SIF Exclude

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

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

Data Filtering Options	
<input type="checkbox"/>	Exclude All State Exclude District Assignments
<input type="checkbox"/>	Exclude All Secondary Enrollments
<input type="checkbox"/>	Strip Empty SIF 2.0 XML Elements
<input type="checkbox"/>	Exclude No Show Enrollments
<input type="checkbox"/>	Exclude All State Exclude Enrollments
<input type="checkbox"/>	Publish Social Security Numbers in StaffPersonal
<input type="checkbox"/>	Publish Social Security Numbers in StudentPersonal
<input type="checkbox"/>	Use Legal Gender
<input type="checkbox"/>	Use Legal Name

## Object Data Elements

Data Element Label	Description	Business Rules	Data S GUI Pa
@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 MUST NOT be used in a later Request for the object.		

Data Element Label	Description	Business Rules	Data S GUI Pa
@SnapDate	The date the data snapshot was taken. Some elements are provided/calculated as of the SnapDate, and some are provided as of the date the object is requested (i.e., some can be historical and some will represent the last information available/last known value). In a SIS the following elements are provided/calculated as of the SnapDate: Age, HomeEnrollment and all its child elements. Other applications (e.g., data warehouses) may be able to provide values for other elements on various snap dates.	today's date	
@StudentPersonalRefId	The Id (GUID) of the student to whom this information relates.		
@SchoolYear	School year in which the SnapDate falls, and for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007 for the 2006-07 school year).		
Name	Name of the student. Note: Type value of 04 must be used here.		
Name/@Type	Name of the student	Reports "04"	
Name/Prefix		Optional do not report	
Name/LastName	Last name of student		
Name/FirstName	First name of student		
Name/MiddleName	Middle name of the student		
Name/Suffix	Name suffix of student		
Name/PreferredName	Preferred name of student		
Name/SortName	This is the name to be used for sorting purposes	Last Name, First Name (space) Middle Initial	
Name/FullName	A free text field for the complete name	First Name + Middle Name + Last Name	
LocalId	The locally-assigned identifier for this student.		
StateProvinceld	The state-assigned identifier for this student.		
Address	The student's address(es)		
Address/Address	This element contains address data.	Reports the student's current household address.	
Address/Address/@Type	Code that defines the location of the address. Note: A subset of specific valid values for each instance in a data object may be listed in that object.	1. Reports "0765".	
Address/Address/Street	The street element is a complex element and breaks the street down into several parts.		

Data Element Label	Description	Business Rules	Data Source GUI Path
Address/Address/Street/Line1	Address line 1.	When address.postOfficeBox = checked, reports "P.O. Box " followed by address.number (e.g. "P.O. Box 1234") When address.postOfficeBox = not checked, reports address.number, prefix, street, tag, and dir separated by spaces	
Address/Address/Street/Line2	Address line 2.		Census Household Address
Address/Address/Street/Line3	Address line 3.	Reports in format: City, ST ZIP	Census Household Address
Address/Address/Street/StreetNumber	The address number assigned to the building.		Census Household Address
Address/Address/Street/StreetPrefix	Street prefix like NE		Census Household Address
Address/Address/Street/StreetName	The name of the street.		Census Household Address
Address/Address/Street/StreetType	The type of street. For example, Lane, Blvd., Ave., etc.		Census Household Address
Address/Address/Street/StreetSuffix	Street suffix like SW.		Census Household Address
Address/Address/Street/ApartmentNumber	Type of apartment, for example, Suite.		Census Household Address
Address/Address/City	The city part of the address.		Census Household Address
Address/Address/County	The county part of the address.	Optional. Does not report	Census Household Address
Address/Address/StateProvince	The state or province code.		Census Household Address
Address/Address/Country	The country code.		N/A
Address/Address/PostalCode	The ZIP/postal code.		Census Household Address
RaceList			
RaceList/Race		Reports for each of the races in the person's current identity record	
RaceList/Race/Code	The general racial category which reflects the individual's recognition of his or her community or with which the individual most identifies. In a given SIF implementation Agents must have alignment on the use of the NCES and deprecated SPEEDE code sets. Agents are not required to translate between the code sets	Reports the SIF race code mapped to the race: When American Indian or Alaska Native, report 0998 When Asian, report 0999 When Black or African American, report 1000 When Native Hawaiian or Other Pacific Islander, report 1001 When White, report 1002	
RaceList/Race/OtherCodeList			

Data Element Label	Description	Business Rules	Data S GUI Pa
RaceList/Race/ 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.		
RaceList/Race/ OtherCodeList/@Codeset	Describes the OtherCode element content as either a state/province code, a local code, other code, or text string.	Reports "StateProvince"	
HispanicLatino		When Yes, Yes. When No, No	
Gender	Person's Gender		
BirthDate	The person's date of birth		
Age	The age (in years) of the student on the date in SnapDate.	Optional. Does not report.	
ProjectedGraduationYear	Currently projected graduation year.	<ol style="list-style-type: none"> <li>When Graduation &gt; NGA Cohort End Year is not null, report NGA Cohort End Year.</li> <li>When NGA Cohort End Year is null and Graduation &gt; Date First Entered the 9th Grade is not null, report the year portion of Date First Entered the 9th Grade plus 4.</li> <li>Otherwise, report the sum of the student's latest enrollment end year and the number of years to graduate based on the grade level. The number of years to graduate is based off the standardCode tied to the enrollment's grade level, or if this is null, then the enrollment's local grade, as follows:   When PK then 13  When KG then 12  When 01 then 11  When 02 then 10  When 03 then 9  When 04 then 8  When 05 then 7  When 06 then 6  When 07 then 5  When 08 then 4  When 09 then 3  When 10 then 2  When 11 then 1  When 12 then 0  Otherwise do not report</li> </ol> <p>Example: if graduation fields are null, enrollment end year is 2021, and enrollment local grade is 9 with standard code 09, then report 2024 (since this is 2021 + 3).</p>	Graduat Enrollm

Data Element Label	Description	Business Rules	Data S GUI Pa
OnTimeGraduationYear	First projected graduation year, usually determined when student is accepted into 9th grade.	<ol style="list-style-type: none"> <li>1. When Graduation NCLB Cohort End Year is not null, report NCLB Cohort End Year.</li> <li>2. When NCLB Cohort End Year is null and Graduation &gt; Date First Entered the 9th Grade is not null, report the year portion of Date First Entered the 9th Grade plus 4.</li> <li>3. When the above fields on Graduation are null, then:               <ol style="list-style-type: none"> <li>1. When the student's latest enrollment local grade is 09, report the enrollment end year plus 3</li> <li>2. When the student's latest enrollment local grade is 10, report the enrollment end year plus 2</li> <li>3. When the student's latest enrollment local grade is 11, report the enrollment end year plus 1</li> <li>4. When the student's latest enrollment local grade is 12, report the enrollment end year</li> <li>5. Otherwise do not report.</li> </ol> </li> </ol>	Graduat Enrollm
GraduationDate	Date student officially graduated from secondary education.	Reports only when graduation.diplomaDate is not null.	Graduat
GraduationAward	The award received upon graduation.	Optional. Does Not Report.	
GraduationOnTime	Did the student graduate in the expected number of years?	Optional. Does Not Report.	
HomeEnrollment	Enrollment-related information for the school that is responsible for reporting the student's membership/child accounting information. This is most likely the primary enrollment site for the student.		
HomeEnrollment/StudentSchoolEnrollmentRefId	The Id (GUID) of the StudentSchoolEnrollment object from which the enrollment information is derived.	The enrollment ID	
HomeEnrollment/SchoolName	Name of the school.	Reports School Name	System Admini > Resc School Detail Name
HomeEnrollment/SchoolInfoRefId	The Id (GUID) of the school. Provide both the HomeEnrollment/SchoolInfoRefId and HomeEnrollment/LocalId elements if possible. If not, one or the other must be provided.		

Data Element Label	Description	Business Rules	Data Source GUI Path
HomeEnrollment/LocalId	The locally-defined identifier for this school. Provide both the HomeEnrollment/LocalId and HomeEnrollment/SchoolId elements if possible. If not, one or the other must be provided.		
HomeEnrollment/StateProvinceId	The state or province defined identifier for this school.	When "Standard Code (SIF StatePrid)" NOT = Null, reports School.standardCode. Otherwise, reports from "State School Number"	System Admin > Resc School Detail Stand (SIF St. State S Numbe
HomeEnrollment/Status	Enrollment status as of the SnapDate.	<ol style="list-style-type: none"> <li>When student's most recent (latest Start Date) enrollment for the School, Year, and Calendar selected on the SIF Zone has End Date &lt; the current date, report HomeEnrollment/Status = 'Inactive'.</li> <li>Otherwise, when End Date = Null or is &gt;= the current date, report HomeEnrollment/Status = 'Active'.</li> </ol>	
HomeEnrollment/GradeLevel	Grade or academic level of student.		
HomeEnrollment/GradeLevel/Code	Code representing the grade level	<ol style="list-style-type: none"> <li>Check the ncesGrade (GradeLevel.StandardCode) field first and will use that if it exists AND it maps to a known NCES grade*</li> <li>If there is no ncesGrade (GradeLevel.StandardCode) field, it will try and check the grade (Enrollment.grade) field. If it exists AND it maps to a known NCES grade we use that</li> <li>If neither the ncesGrade (GradeLevel.StandardCode) or grade (Enrollment.grade) fields map to any NCES fields, we return Unknown</li> </ol> <p>*Valid NCES Grade Levels: 01, 02, 03, 04, 05, 06, 07, 08, 09, 0K, 10, 11, 12, KG, PK, PG, UN</p>	System Admin > Resc Grade Definit Stand (SIF co
HomeEnrollment/GradeLevel/OtherCodeList			
HomeEnrollment/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.	When enrollment.grade exists, reports the Code selected.	Studer Inform Genera Enrolln Grade
HomeEnrollment/GradeLevel/OtherCodeList/@Codeset	Describes the OtherCode element content as either a state/province code, a local code, other code, or text string.	Codeset = "StateProvince"	Studer Inform Genera Enrolln Grade

Data Element Label	Description	Business Rules	Data S GUI Pa
HomeEnrollment/Homeroom		<p>The homeroom RoomInfo RefId must reference the RoomInfo associated with the latest section the student is enrolled as of the current date.</p> <ol style="list-style-type: none"> <li>When the student has &gt; 1 homeroom section they are enrolled during the same term or day, report the RoomInfo RefId from the section with the student's latest section enrollment Start Date.</li> <li>When the student is enrolled into &gt; 1 homeroom section during the same term or day and &gt; 1 section enrollment has the same Start Date, report from the section with the latest End Date (or null End Date). Null End Date takes priority.               <ol style="list-style-type: none"> <li>When &gt; 1 homeroom section has the same latest End Date, report from the section with the highest section ID.</li> </ol> </li> </ol> <p>When the current date &gt; the homeroom section's term date range, report from the latest homeroom that the student was last enrolled.</p>	Schedu Course Homer Section Homer
HomeEnrollment/Homeroom/@SIF_RefObject	The name of the SIF object referenced.		
HomeEnrollment/HomeroomNumber	The locally-defined identifier for this room.		
HomeEnrollment/FullYearEnrollment	An indication as to whether or not the student was enrolled for the whole school year. If the SchoolYear is in progress as of the SnapDate, use the value "Unknown".		

Data Element Label	Description	Business Rules	Data S GUI Pa
IDEA		<ol style="list-style-type: none"> <li>1. When the student has a locked IEP where the Start Date is null or on or before today's date, and the End Date is null or on or after today's date, then report "Yes".</li> <li>2. When the student has a record in Special Ed &gt; State Reporting (SpecialEDState table) where the Start Date is null or on or before today's date, and the End Date is null or on or after today's date, then report "Yes".</li> <li>3. When Enrollment.specialEdStatus is NOT equal to any of the following: null, "N", "", "0", or "00", then report "Yes".</li> <li>4. Otherwise report "No".</li> </ol>	<p>Studer Inform Specia</p> <p>Studer Inform Specia State F</p>
Migrant		<ol style="list-style-type: none"> <li>1. When the student has a Migrant record where the Last Qualifying Arrival Date is null or on or before today's date, and the Eligibility Expiration Date is null or on or after today's date, then report "Yes".</li> <li>2. When Enrollment.migrant is NOT equal to any of the following: null, "N", "", "0", or "00", then report "Yes".</li> <li>3. Otherwise report "No".</li> </ol>	<p>Studer Inform Progra Particip Migran</p> <p>Studer Inform Genera Enrolln</p>
Title1		<ol style="list-style-type: none"> <li>1. When the latest School History record for this school with an effective date on or before today's date has Title 1 = "Targeted Assistance Eligible - No Program", "Schoolwide Eligible - No Program", or "Not a Title I School", report "No".</li> <li>2. When the latest School History record for this school with an effective date on or before today's date has Title 1 = "Schoolwide Program", report "Yes".</li> <li>3. Otherwise, when enrollment.title1 is null, "N", "", "0", or "00", report "No".</li> <li>4. Otherwise report "Yes".</li> </ol>	<p>Studer Inform Progra Particip Title1</p> <p>Studer Inform Genera Enrolln System Admini Resour School</p>



Data Element Label	Description	Business Rules	Data & GUI Pa
GiftedTalented		<ol style="list-style-type: none"> <li>1. When the student has a Gifted &amp; Talented record where the Start Date is on or before today's date, and the End Date is null or on or after today's date, then report "Yes".</li> <li>2. When Enrollment.giftedTalented is NOT equal to any of the following: null, "N", "", "0", or "00", then report "Yes".</li> <li>3. Otherwise report "No".</li> </ol>	Studer Inform Progra Particip Gifted Studer Inform Genera Enrolln
EconomicDisadvantage		When the student has an active FRAM record with Eligibility = Free or Reduced, reports "Yes". Otherwise report "No".	
ELL		When the student has an active EL record, reports "Yes". Otherwise, "No"	Studer Inform Progra Particip ELL Studer Inform Genera Enrolln
Homeless		<ol style="list-style-type: none"> <li>1. When the student has a Homeless record where the Start Date is on or before today's date, and the End Date is null or on or after today's date, then report "Yes".</li> <li>2. When Enrollment.homeless is NOT equal to any of the following: null, "N", "", "0", or "00", then report "Yes".</li> <li>3. Otherwise report "No".</li> </ol>	Studer Inform Progra Particip Homel Studer Inform Genera Enrolln
Section504		<ol style="list-style-type: none"> <li>1. When the student has a Section 504 record where the Start Date is on or before today's date, and the End Date is null or on or after today's date, then report "Yes".</li> <li>2. When Enrollment.section504 is NOT equal to any of the following: null, "N", "", "0", or "00", then report "Yes".</li> <li>3. Otherwise report "No".</li> </ol>	Studer Inform Progra Particip Section Studer Inform Genera Enrolln
VocationalConcentrator		<ol style="list-style-type: none"> <li>1. When the student has an Academic Program with a Program Type of CTE where the Start Date is on or before today's date, and the End Date is null or on or after today's date, then report "Yes".</li> <li>2. When Enrollment.vocationalCode is NOT equal to any of the following: null, "N", "", "0", or "00", then report "Yes".</li> <li>3. Otherwise report "No".</li> </ol>	Progra > Prog Acader Progra Studer Inform Acader Plannir Progra Studer Inform Genera Enrolln

Data Element Label	Description	Business Rules	Data S GUI Pa
Immigrant		When immigrant is null, "N", "", "0", or "00", report "No". Otherwise report "Yes".	
NeglectedDelinquent		<ol style="list-style-type: none"> <li>1. Report if the Title 1 tab is active and has a Title 1 Program of "Title 1 Part D - Neglected, Delinquent or At Risk"               <ol style="list-style-type: none"> <li>1. When the student has a "Title 1 Part D - Neglected, Delinquent or At Risk" record where the Start Date is on or before today's date, and the End Date is null or on or after today's date, then report "Yes".</li> </ol> </li> <li>2. CustomStudent               <ol style="list-style-type: none"> <li>1. When value of the CustomStudent.value attribute is null, "N", "", "0", or "00", report "No".</li> <li>2. Otherwise report "Yes".</li> <li>3. Otherwise, report "No".</li> </ol> </li> </ol> (no longer using Enrollment.neglectedDelinquent)	Studer Inform Progra Particip Title 1: Part D Neglec Delinqu System Admini Resour School
FreeAndReducedStatus	Student's eligibility for free and reduced meals.	<ol style="list-style-type: none"> <li>1. When the student has an active FRAM record with Eligibility = Free, reports "Free"</li> <li>2. If Reduced, reports "Reduced".</li> <li>3. Otherwise report "None".</li> </ol>	FRAM>