

# Student Data Elements - Growth Models

## Data Inventory

Last Update August 2016

### Data Inventory Elements

Heading	Sub Heading / Short Description	Long Description
Data Element	Property	The technical name of an element
Definition	Definition	The definition of the data element.
Notes	Rules & Notes - SIS	These notes are specific to the Wisconsin implementation.
Data Category	e.g. Student, School, etc.	Data elements in Ed-Fi are broken into data categories (i.e. resources). This breaks the data up into functional categories. Resources used are STUDENT (Student details), STUDENTACADEMICRECORD (High School Completion information), STUDENTPROGRAM (program area inclusion, e.g. ELL, Migrant, etc.), STUDENTSCHOOL (Enrollment), STUDENTSCHOOLWISC (Wisconsin specific enrollment elements), STUDENTSPECIAL EDUCATION (details of a student's special education information).
Date Element Implemented	Initial School Year of Data Implementation	The first school year the data element was collected.
Specific Use/Relevance	Requirement - State/Federal/AdminRule	The reason why DPI is required to collect the data.
Matching Element?	Is element required for Identity Matching?	Identity matching is a key component of any person level system in order to assure data quality. In DPI identity matching is used to match data topics received from third parties (e.g. assessment, postsecondary data) to the correct student.

**Student Data Elements (Growth Models)**

<b>Data Element</b>	<b>Definition</b>	<b>Notes</b>	<b>Data Category</b>	<b>Date Element Implemented</b>	<b>Specific Use/Relevance</b>	<b>Matching Element?</b>
<b>Property</b>	<b>Definition</b>	<b>Rules &amp; Notes - SIS</b>	<b>e.g. Student, School, etc.</b>	<b>Initial School Year of Data Implementation</b>	<b>Requirement - State/Federal/AdminRule</b>	<b>Indicate whether element is required for Identity Matching?</b>
Value-added scores	Value-Added Models (VAM) measure change in students' performance over a period of time.		State level, district level, district subgroup level, school level, school subgroup level	2015-2016	Legislation requires DPI to include value-added scores in school and district report cards. Value-added reports at the district and school levels are also provided through SAFE for information only.	No
Student Growth Percentiles (SGP)	Student Growth Percentiles (SGP) compare a student's growth to the growth made by students with similar score histories.		Student level	2015-2016	SGP results are provided at the student-level as well as aggregated to the district, school and group levels in WISEdash for information only.	No