# Early Warning Data Elements

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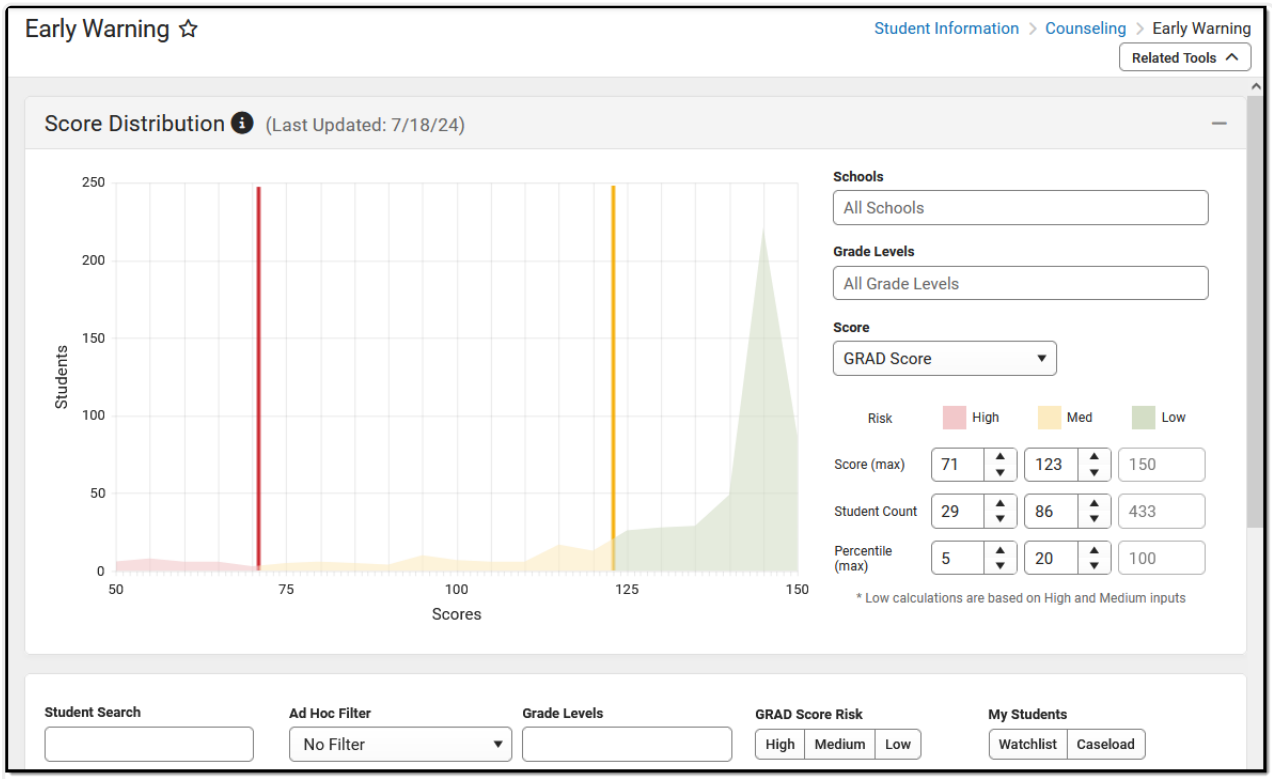
Early Warning tools are available with Campus Analytics Suite.

Tool Search: Early Warning

## Early Warning

The Early Warning tool allows school administrators, counselors, principals, etc., to view the likelihood of a student's promotion to the next grade level and their persistence toward graduation (successful completion of high school). School personnel can see how a student compares to their peers and more effectively intervene to increase the likelihood of promotion.

Predictive analysis generates a student's Graduation Related Analytic Data (GRAD) score. This score summarizes a student's educational record with a single number indicating the student's likelihood of promotion to the next grade level. It measures factors predictive of dropping out and factors indicative of a student's persistence to the next grade level or graduation. This score is ever-evolving and constantly updated as new data is entered into Campus.




*Early Warning*

## Data Elements

The following table lists the field names, definitions, and locations of the various data elements used for the collection and calculation of a student's GRAD score in Early Warning. It is important to note that the data fields are **not** analyzed independently but exist as pieces of the bigger picture in calculating the GRAD score. Many data elements are used as part of a 'count of records', while others are used to compare a student's value and the average for students within the same postal code, school, district, or state. The algorithm utilizes complex patterns in past student data that involve the interaction between these fields, counts, and comparisons to the aggregates.

> It is imperative that schools diligently enter and update student records in a timely manner. The reliability of **GRAD scores** depends on the accuracy of the data documented in your Campus system.

The hyperlinked name of the category navigates to detailed documentation about the related Campus tool.

| Field Name | Description | Location |
|---|---|---|
| **Identities** | | |
| **Age** | Age of the student. | Census > People > Identities > Identity Information > Age<br>Calculated field |
| **Home Primary Language** | Name of the specific language the student uses to communicate at home. | Census > People > Identities > Identity Information > Home Primary Language<br><br>Identity.homePrimaryLanguage |
| **Household Information** | | |

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| **Household Address** | The location where the student resides.<br><br>Used to count:<br>• Addresses (or the lack of any address, i.e., homeless) change without a simultaneous grade level change.<br>• Address household locations or historical address changes based on the date and year filters.<br>• Household members or historical changes according to dates.<br>• Total number of unique people present in the student's household that year.<br>• Consecutive years at the current address. | Census > Household > Household Addresses > Start / End Date<br>Census > Households > Household Members > Household Member Detail > Start / End Date<br>Census > Households > Household Members > Household ID<br>Census > People > Demographics > Person Information > PersonID<br><br>HouseholdLocation.startDate<br>HouseholdLocation.endDate<br>HouseholdMember.startDate<br>HouseholdMember.endDate,<br>HouseholdLocation.householdID<br>HouseholdMember.personID |
| **Zip Code** | Five-digit postal code. | Census > Addresses > Address Information > Zip<br>Address.zip |
| **Engagement** | | |

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| **Guardian Relationship** *(required for Parent Portal access)* | Indication the individual is an official guardian of the student.<br><br>Used to count:<br>• Number of successful Parent Portal logins.<br>• Census guardians or historical changes based on date and year filters. | Census > People > Relationships > Guardian (checkbox) and Portal (checkbox)<br><br>RelatedPair.guardian<br>RelatedPair.endDate<br>RelatedPair.startDate |
| **Portal Login Counts** | Number of successful attempts by the student to access the Student Portal. | Instruction > Reports > Portal Usage Report<br>SecurityAccess.success |
| **Enrollments**<br>***Some fields may be state-specific** | | |
| **Enrollment History** | Record of the student's enrollments. Used to count district changes without a simultaneous grade level change, i.e., student changed districts in the middle of the year. | Student Information > General > Enrollments > Print Enrollment History<br>Student Information > General > Enrollments > New Enrollment History<br><br>EnrollmentHistory.districtName |
| **Grade** | Grade level to which the student is assigned for the enrollment period. | Student Information > General > Enrollments > General Enrollment Information > Grade<br><br>Enrollment.grade |
| **No Show** | Indicates the student never attended the school during the allotted time period determined by the district. | Student Information > General > Enrollments > General Enrollment Information > No Show<br><br>Enrollment.noShow |
| **Service Type** | State-specific code for the English Language services provided. | Student Information > General > Enrollments > General Enrollment Information > Service Type<br><br>Enrollment.serviceType |

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| **Local Start Status** | Start status code for the enrollment. | Student Information > General > Enrollments > General Enrollment Information > Local Start Status<br><br>Enrollment.startStatus |
| **Local End Status** | End status code for the enrollment. | Student Information > General > Enrollments > General Enrollment Information > Local End Status<br><br>Enrollment.endStatus |
| **Gifted/Talented** | Indicates the student meets the Federal requirements for Gifted and Talented programming. | Student Information > General > Enrollments > State Reporting Fields > Gifted/Talented<br><br>Enrollment.giftedTalented |
| **Migrant Indicator** | Indicates the student's immigrant status. | Student Information > General > Enrollments > State Reporting Fields > Migrant Indicator<br><br>Enrollment.immigrant |
| **Homeless** | Indicates the student meets the Federal requirements for being homeless. | Student Information > General > Enrollments > State Reporting Fields > Homeless<br><br>Enrollment.homeless |
| **Program 504** | Indicates if the student is participating in Section 504 Programming. | Student Information > General > Enrollments > State Reporting Fields > Program 504<br><br>Enrollment.section504 |
| **Foreign Exchange** | Indicates the student is a foreign exchange student. | Student Information > General > Enrollments > State Reporting Fields > Foreign Exchange<br><br>Enrollment.foreignExchange |
| **Refugee** | Indicates if the student is a refugee. | Student Information > General > Enrollments > State Reporting Fields > Refugee<br><br>Enrollment.refugee |

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| **Primary Disability** | Primary disability of the student. | Student Information > General > Enrollments > Special Ed Fields > Primary Disability<br><br>Enrollment.disability1 |
| **Setting** | Specific setting of a special education student. | Student Information > General > Enrollments > Special Ed Fields > Setting<br><br>Enrollment.specialEdSetting |
| **Special Ed Exit Status** | Reason for the removal of the student from special education programming. | Student Information > General > Enrollments > Special Ed Fields > Special Ed Exit Status<br><br>Enrollment.spedExitReason |
| **School Information** | | |
| **Site Classification** | Type of students served or instruction that takes place in a school. | School & District Settings > School > School Information > School Detail > Site Classification<br><br>School.siteClassification |
| **Type** | Designated type of school. | School & District Settings > Schools > School Information > Type<br><br>School.type |
| **Title I** | Current school-wide Title 1 status. | School & District Settings > School > School Information > School History > Program Participation > Title I<br><br>SchoolAttribute.title1 |
| **Calendar / Days** | | |
| **School ID** | Identification number assigned to a school. This field cannot be edited. Used to count the total number of schools in the district where the student has been enrolled. | Scheduling & Courses > Calendar Setup > Calendar Information > School ><br>SchoolID<br><br>Calendar.schoolID |

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| **Instruction** | Student instruction days per all enrollments in the same end year. Used as denominator only to adjust count fields into rate-per-instructional-day. | Scheduling & Courses > Calendar Setup > Day Setup > Day Detail > Instruction<br><br>Day.date<br>Day.instruction |
| **Non-Instructional** | Period does not include formal instruction to students. Periods marked as non-instructional do not count in the Instruction Minutes, but do count counted in the overall School Day minutes. | Scheduling & Courses > Calendar Setup > Period Setup > Period Info > Non-Instructional<br><br>Period.nonInstructional |
| **Attendance** | | |
| **Date** | Date of the code associated with a student's attendance event. | Student Information > General > Attendance > Attendance Information > Date<br><br>attendanceCode.date |
| **Status** | Status of the student for the associated event.<br>• Absent<br>• Tardy<br>• Early Release<br>• Present | Student Information > General > Attendance > Attendance Information > Status<br><br>Attendance.status |
| **Excuse** | Designation of the absence as:<br>• Unknown<br>• Excused<br>• Unexcused<br>• Exempt<br><br>An attendance excuse of *Exempt* does not count against a student. | Student Information > General > Attendance > Attendance Information > Status > Excuse<br><br>Attendance.excuse |
| **Behavior** | | |

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| **Calendar ID** | Identification number assigned to a calendar and any events/actions that occur during enrollment under that calendar. This field cannot be edited. | BehaviorRole.calendarID |
| **Event Type** | Identifying code and name of the event. May be mapped to State Event Codes. | Student Information > General > Behavior > Incident Detail > Event Type<br><br>BehaviorType.classification |
| **Event ID**<br>**Incident ID**<br>**Behavior Type ID** | Unique identification numbers assigned once the behavior referral is saved. These fields cannot be edited. | BehaviorEvent.eventID<br>BehaviorIncident.incidentID<br>BehaviorType.typeID |
| **Behavior Resolution ID**<br>**Behavior Resolution Type ID** | Unique identification numbers assigned once the behavior resolution is saved. These fields cannot be edited. | BehaviorResolution.resolutionID<br>BehaviorResType.typeID |
| **Behavior Resolution** *(Timestamp)* | Duration of discipline behavior resolutions. Calculated based on the resolution start and end dates/times. These fields cannot be edited. | BehaviorResolution.[timestamp],<br>BehaviorResolution.endTimestamp |
| **Health** | | |
| **Calendar ID** | Identification number assigned to a calendar and any events/actions that occur during enrollment under that calendar. This field cannot be edited.<br>Used to count visits with the school's health professional. | HealthVisit.calendarID |
| **Grades** | | |

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| **Term Grade** | Score or percentage corresponding to the score posted (or in progress) for a student in the Grade Book. | Instruction > Grade Book > Score / Proficiency<br><br>GradingScore<br>GradingScore.percent<br>GradingScore.progressPercent<br>ScoreListItem.passingScore |
| **Standard ID** | Unique identification number assigned once a standard has been saved. This field cannot be edited.<br>Used in the count of standards for which the student is marked proficient. | Grading & Standards > Standards Setup > Standards Bank<br><br>CurriculumStandard.standardID |
| **Missing** | Assignment flagged as "Missing" in the Grade Book. | Instruction > Grade Book > Assignment<br><br>LessonPlanScore.missing |
| **Cumulative GPA** | This value is the result of a stored procedure that calls the get_gpa_stats_all stored procedure for every calendar in the cache and updates the weighted cum gpa into the cache. Due to how GPA is calculated (since some districts do not use a 4.0 scale), some GPA values are negative or very large (>5.0) | Student Information > General > Grades > GPA<br><br>TranscriptCourse.score<br>TranscriptCourse.gpaValue<br>TranscriptCourse.unweightedGPAValue<br>TranscriptCourse.gpaWeight |
| **Assessments** | | |
| **Date** | Date associated with a scored assessment. | Student Information > Assessment Administration > Assessment Center > Assessment > Test Detail > Date<br><br>TestScore.date |

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| **Start Date** | First date the assessment was available for use (or start date of the testing window). | Student Information > Assessment Administration > Assessment Center > Assessment > Test Detail > Start Date<br><br>Test.startDate |
| **Raw Score** | Score type that is calculated using the number of questions answered correctly minus a fraction of the number answered incorrectly. | Student Information > Assessment Administration > Assessment Center > Assessment > Test Detail > Raw Score<br><br>TestScore.rawScore |
| **FRAM** | | |
| **Eligibility** | Indicates whether the student receives free or reduced meals in accordance with the National School Lunch Program. | FRAM > Application Processing > Eligibility<br><br>POSEligibility.eligibility |
| **English Learners** | | |
| **Program Status** | Indicates the student's EL status. Options include:<br>• **EL** - Student is currently receiving EL services.<br>• **Exited EL** - Student has exited the EL program.<br>• **Pending** - Student has been identified as possibly needing EL services by the school but no formal EL determination has been conducted.<br>• **Not EL** - The student is not eligible/does not require an EL program. | Student Information > English Learners > English Learners (EL)<br><br>LEP.programStatus |