

SIS Field Mapping Reference

Every Atlas K-12 data type maps back to a specific field in your SIS. The tables below show which SIS field becomes which Atlas field, with conversion notes where needed.

STUDENTS

Atlas field	Type	From SIS	Notes
student_id	string	student.localId / student.studentNumber	District-unique. Not the state ID.
first_name	string	student.firstName	Trimmed, no casing change.
last_name	string	student.lastName	Trimmed.
dob	date	student.dateOfBirth	ISO-8601. Atlas stores year-month-day only.
grade_level	string	student.gradeLevel	Kept as string (K, PK, 9, etc.).
school_id	string	enrollment.schoolId	Primary active enrollment at sync time.
gender	string	student.gender	Unchanged. Optional.
primary_guardian_name	string	contact.primary	Optional. Not all SIS expose this.

ENROLLMENTS

Atlas field	Type	From SIS	Notes
student_id	string	enrollment.localId	Foreign key to students.student_id.
school_id	string	enrollment.schoolId	Per-school scoping key.
start_date	date	enrollment.entryDate	
end_date	date	enrollment.exitDate	Null if currently enrolled.
exit_reason	string	enrollment.exitWithdrawType	Passthrough, no mapping.

ATTENDANCE

Atlas field	Type	From SIS	Notes
student_id	string	attendance.localId	Foreign key to students.
date	date	attendance.date	
period	string	attendance.period	Null for day-level codes.
code	string	attendance.code	P, A, T, U, E, X, etc.
minutes_absent	int	attendance.minutes	Only when SIS tracks partial days.
excused	bool	attendance.excused	Atlas treats missing as false.

SIS Field Mapping Reference (continued)

GRADES

Atlas field	Type	From SIS	Notes
student_id	string	grade.localId	Foreign key to students.
course_code	string	grade.courseCode	District course catalog code.
course_name	string	grade.courseName	
term_code	string	grade.gradingPeriod	Atlas persists the code.
letter_grade	string	grade.letterGrade	Passthrough.
numeric_grade	float	grade.percentGrade	Stored as float 0-100.
credit	float	grade.creditsEarned	Optional.

BEHAVIOR_INCIDENTS

Atlas field	Type	From SIS	Notes
student_id	string	incident.localId	Foreign key to students.
incident_date	datetime	incident.date + time	Combined. UTC if carried, else district time.
location	string	incident.location	
behavior_code	string	incident.behaviorCode	District code catalog.
action_taken	string	incident.actionCode	
reporter_id	string	incident.reporterLocalId	Staff foreign key. Optional.
narrative	text	incident.description	Atlas strips HTML, keeps plain text.

TYPE CONVERSION RULES

- Dates arrive as ISO-8601 from Ed-Fi, OneRoster, PowerSchool, and Campus. Aeries and eSchoolPlus formats are normalized at the adapter layer.
- Booleans accept true/false, 1/0, Y/N, yes/no. Atlas normalizes to actual booleans.
- Strings are trimmed and NFC-normalized. No casing changes.
- Nulls are preserved as nulls, not as empty strings, so downstream queries can distinguish not-captured from empty.

First-sync validation. After the first sync, run the bundled SIS validate command to get a one-page report of counts per table and the first 10 records. Compare to your SIS and sign off.