

Ed-Fi Data

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Tool Search: Ed-Fi Data

The Ed-Fi Data tool allows users to compare student-related Ed-Fi resources with the data in Infinite Campus. To compare the data, a configuration and resource need to be selected.

The screenshot shows the 'Ed-Fi Data' tool interface. At the top, there are two dropdown menus: 'Select a Configuration' and 'Select a Resource'. Below these is an 'Errors' section containing a table with the following data:

Error ID	Timestamp	Data Source	Name	Resource Name	Error Message	Configuration
78743	12/8/20, 8:45 AM	Trumbull High School 20-21 Trumbull High School 2901 Math Workshop Section # 101 Ed Fi Final		Grades	Student does not have a Student Section Association record for the section. This record must exist before Grades can be sent.	:2020-2021 Core
78742	12/8/20, 8:45 AM	Trumbull High School 20-21 Trumbull High School 2901 Math Workshop Section # 101 Ed Fi Final		Grades	Student does not have a Student Section Association record for the section. This record must exist before Grades can be sent.	:2020-2021 Core

At the bottom of the interface, there are three buttons: 'Compare', 'Get Ed-Fi JSON', and 'Resync'. A pagination indicator shows '1 - 80 of 80 items'.

Ed-Fi Data Tool

Read - View and compare data in the Ed-Fi Data tool

Write - view, compare data, and perform a resync in the Ed-Fi Data tool

Add - Provides no function for this tool

Delete - Provides no function for this tool

For more information about Tool Rights and how they function, see [this Tool Rights article](#).

Compare Data in Ed-Fi and Infinite Campus

The Ed-Fi Data tool allows districts to compare student records in Infinite Campus with data that

has been sent to Ed-Fi. The comparison is done by configuration and resource.

Ed-Fi Data ☆
 Student Information > General > Ed-Fi Data

Ed-Fi Data

Select a Configuration *
 2020-2021 Core

Select a Resource *
 Students

Errors

Error ID	Timestamp	Data Source	Name	Resource Name	Error Message	Configuration
78743	12/8/20, 8:45 AM	Trumbull High School 20-21 Trumbull High School 2901 Math Workshop Section # 101 Ed Fi Final		Grades	Student does not have a Student Section Association record for the section. This record must exist before Grades can be sent.	2020-2021 Core
78742	12/8/20, 8:45 AM	Trumbull High School 20-21 Trumbull High School 2901 Math Workshop Section # 101 Ed Fi Final		Grades	Student does not have a Student Section Association record for the section. This record must exist before Grades can be sent.	2020-2021 Core

1 - 80 of 80 items

Compare Get Ed-Fi JSON Resync

Compare Ed-Fi Data

1. Select a **student** for whom data will be compared.
2. Select a valid **configuration**.

Note: The Ed-Fi Data tool will still generate results even if the student does not have an enrollment in a school for the school year attributed to the Ed-Fi Connection selected.

3. Select the **resource** in which to compare data. Only resources marked as Active are displayed in the Resource droplist.
4. Click the **Compare** button.
5. The data for the selected student is displayed. The column on the left displays data sent to Ed-Fi for the specific resource, and the column on the right displays data within Infinite Campus. If all of the records match, a 'All Records Match' message will be displayed above the data.

Ed-Fi Data ☆
 Student Information > General > Ed-Fi Data

Ed-Fi Data

Select a Configuration *
 2020-2021 Core

Select a Resource *
 Student Section Associations

All Records Match

#	Ed-Fi Data	#	Campus Data
	Unique Identifiers: localCourseCode: 1014		Unique Identifiers: localCourseCode: 1014 Campus Identifiers: courseName: ACP Global Civilization, courseNumber: 4014, sectionNumber: 8
1	sectionReference:	1	sectionReference:
2	localCourseCode: 1014	2	localCourseCode: 1014
3	schoolId: 1681	3	schoolId: 1681
4	schoolYear: 2019	4	schoolYear: 2019
5	sectionIdentifier: 324023	5	sectionIdentifier: 324023
6	sessionName: First Quarter	6	sessionName: First Quarter
7	studentReference:	7	studentReference:
8	studentUniqueId: 31327	8	studentUniqueId: 31327
9	beginDate: 2018-08-30	9	beginDate: 2018-08-30
10	endDate: 2018-11-03	10	endDate: 2018-11-03
11	homeroomIndicator: false	11	homeroomIndicator: false
	Unique Identifiers: localCourseCode: 4014		Unique Identifiers: localCourseCode: 4014 Campus Identifiers: courseName: ACP Global Civilization, courseNumber: 4014, sectionNumber: 8
1	sectionReference:	1	sectionReference:

Compare Data with all records matched.

Unique Identifiers for both Ed-Fi and Infinite Campus information are displayed for each resource. Campus Identifiers are also shown for Infinite Campus information.

Select a Resource *
 Student Section Associations

All Records Match

#	Ed-Fi Data	#	Campus Data
	Unique Identifiers: localCourseCode: 1014		Unique Identifiers: localCourseCode: 1014 Campus Identifiers: courseName: ACP Global Civilization, courseNumber: 4014, sectionNumber: 8
1	sectionReference:	1	sectionReference:
2	localCourseCode: 1014	2	localCourseCode: 1014
3	schoolId: 1681	3	schoolId: 1681

Unique Identifiers and Campus Identifiers

Any data that does not match between Ed-Fi and Infinite Campus is highlighted.

21	specialPupilIndicator: false	21	specialPupilIndicator: false
22	stateAidCategoryDescriptor: uri://education.mn.gov/StateAidCategoryDescriptor#00	22	stateAidCategoryDescriptor: uri://education.mn.gov/StateAidCategoryDescriptor#00
23	membership:	23	membership:
24	attendance: 11	24	attendance: 156
25	membership: 123	25	membership: 167
26	membershipAttendanceUnitDescriptor: uri://education.mn.gov/MembershipAttendanceUnitDescriptor#Days	26	membershipAttendanceUnitDescriptor: uri://education.mn.gov/MembershipAttendanceUnitDescriptor#Days
27	percentEnrolled: 100	27	percentEnrolled: 100
28	transportation:	28	transportation:
29	transportingLocalEducationAgencyReference:	29	transportingLocalEducationAgencyReference:
30	localEducationAgencyId: 10001000	30	localEducationAgencyId: 10001000
31	transportationCategoryDescriptor: uri://education.mn.gov/TransportationCategoryDescriptor#01	31	transportationCategoryDescriptor: uri://education.mn.gov/TransportationCategoryDescriptor#01
		32	exitWithdrawDate: 2020-06-03

Mismatched Data

View Ed-Fi JSON

Select the Get Ed-Fi JSON button to view the Ed-Fi JSON for the selected resource.

Student Section Associations

Ed-Fi Data

```
{
  "id": "2a390498b86d4827a83643ee30cd40e5",
  "sectionReference": {
    "localCourseCode": "1014",
    "schoolId": 1681,
    "schoolYear": 2019,
    "sectionIdentifier": "324023",
    "sessionName": "First Quarter",
    "link": {
      "rel": "Section",
      "href": "/ed-fi/sections/f806e455ad034d6cb8fa88f4e2630531"
    }
  },
  "studentReference": {
    "studentUniqueId": "31327",
    "link": {
      "rel": "Student",
      "href": "/ed-fi/students/d6728150cd984e868fd25c21c931a839"
    }
  },
  "beginDate": "2018-08-30",

```

Compare
Get Ed-Fi JSON
Resync

Ed-Fi JSON file

View Errors

The Ed-Fi Data tool displays any errors that are active in the Ed-Fi Error Log for the selected student.

Ed-Fi Data ☆
 Student Information > General > Ed-Fi Data

Ed-Fi Data

Select a Configuration *

Select a Resource *

Errors

Error ID	Timestamp	Data Source	Name	Resource Name	Error Message	Configuration
78743	12/8/20, 8:45 AM	Trumbull High School 20-21 Trumbull High School 2901 Math Workshop Section # 101 Ed Fi Final	[REDACTED]	Grades	Student does not have a Student Section Association record for the section. This record must exist before Grades can be sent.	2020-2021 Core
78742	12/8/20, 8:45 AM	Trumbull High School 20-21 Trumbull High School 2901 Math Workshop Section # 101 Ed Fi Final	[REDACTED]	Grades	Student does not have a Student Section Association record for the section. This record must exist before Grades can be sent.	2020-2021 Core
		Trumbull High School				

1 - 80 of 80 items

Compare Get Ed-Fi JSON Resync

Ed-Fi Errors

Perform a Resync

A Resync can be performed on the resources for the selected student from the Ed-Fi Data tool.

Ed-Fi Data ☆
 Student Information > General > Ed-Fi Data

Student, Test
 Grade: 09 | DOB: 11/18/03
 504 Agri2022 Athletics

Ed-Fi Data

Select a Configuration *

Select a Resource *

Errors

Error ID	Timestamp	Data Source	Name	Resource Name	Error Message
80140	12/9/20, 10:17 AM	Academic Intervention	Academic Intervention (211827)	Student Cohort Associations	Referenced cohorts resource could not be found. Resync cohorts again.
80139	12/9/20, 10:17 AM	EDFI	Academic Intervention (211827)	Discipline Actions	Referenced studentDisciplineIncidentAs resource could not be found and try again.
80138	12/9/20, 10:17 AM	EDFI	Academic Intervention (211827) 11/25/2018 21129 Trumbull High School	Student Discipline Incident Associations	Referenced disciplineIncident resource could not be found and try again.

Resync

Select a Configuration *

2020-2021 Core

Select All

- Course Transcripts
- Discipline Actions
- Grades
- Student Academic Records
- Student Cohort Associations
- Student CTE Program Associations
- Student Discipline Incident Associations
- Student Education Organization Associations
- Student Language Instruction Program Associations
- Student Parent Associations
- Student Program Associations
- Student School Associations
- Student School Attendance Events
- Student School Food Service Program Associations
- Student Section Associations
- Student Section Attendance Events
- Student Special Education Program Associations
- Students

Compare Get Ed-Fi JSON Resync Start Resync Close

Resync

1. Click the **Resync** button.
2. The Resync side panel displays. Select the **Configuration** for which the resync will be performed.
3. Select the **Resources** for which data will be resynced. The Resync will not include any dependencies of the selected resource.
4. Click the **Start Resync** button.
5. When a resync is performed, all errors for the selected student in the Error Log for the selected resource(s) will auto-archive.