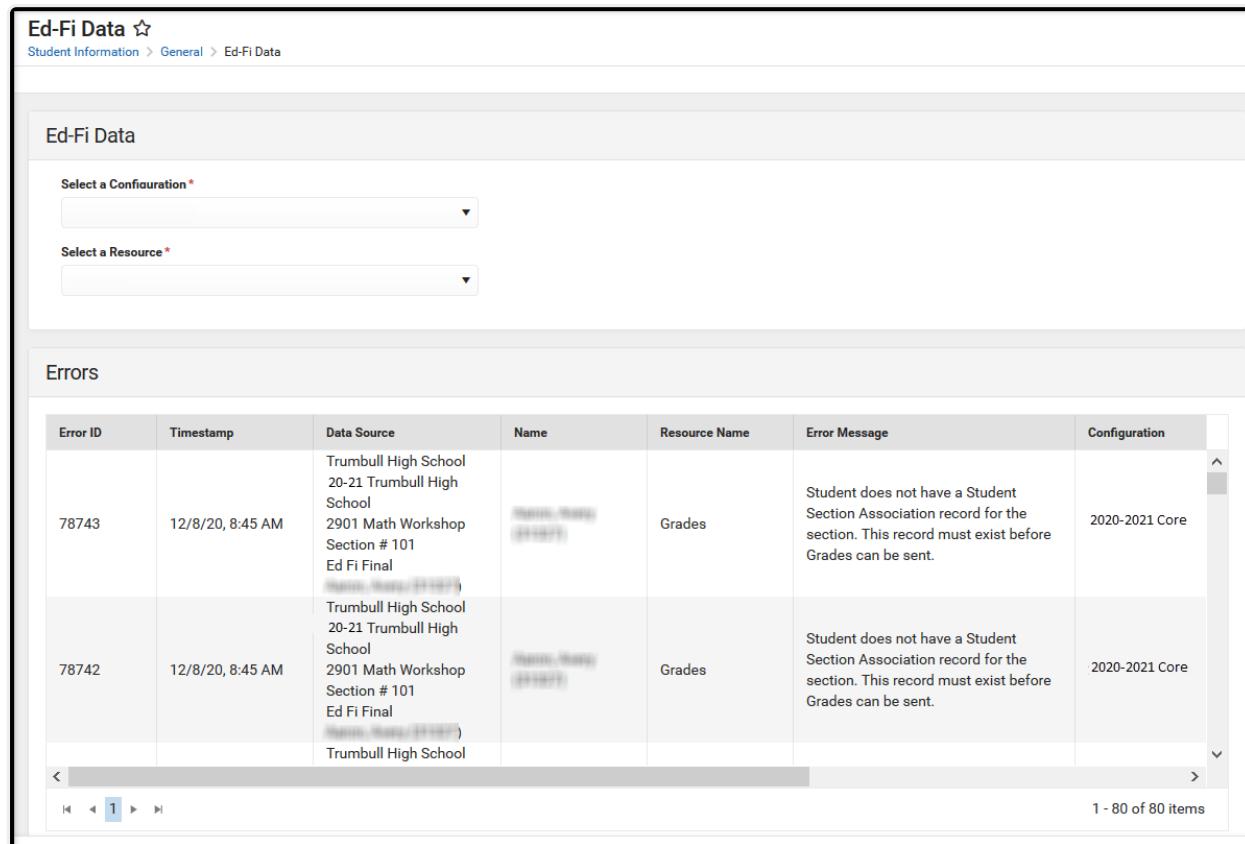


# Ed-Fi Data

Last Modified on 12/14/2025 8:45 pm CST

## 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. This tool can be used only for configurations on Ed-Fi versions 3.1 or higher.



The screenshot shows the 'Ed-Fi Data' tool interface. At the top, there are dropdown menus for 'Select a Configuration' and 'Select a Resource'. Below these, a table titled 'Errors' lists two entries. Each entry includes an 'Error ID', 'Timestamp', 'Data Source', 'Name', 'Resource Name', 'Error Message', and 'Configuration'. The first entry is for Error ID 78743, timestamp 12/8/20, 8:45 AM, and the second is for Error ID 78742, timestamp 12/8/20, 8:45 AM. Both entries point to 'Trumbull High School' and 'Grades' as the resource name. The error message for both is: 'Student does not have a Student Section Association record for the section. This record must exist before Grades can be sent.' The configuration for both is '2020-2021 Core'. At the bottom of the table, it says '1 - 80 of 80 items'. Below the table are buttons for 'Compare', 'Get Ed-Fi JSON', and 'Resync'.

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 Trumbull High School	Trumbull High School 20-21 Trumbull High School 2901 Math Workshop Section # 101 Ed Fi Final Trumbull High School	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 Trumbull High School	Trumbull High School 20-21 Trumbull High School 2901 Math Workshop Section # 101 Ed Fi Final Trumbull High School	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

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

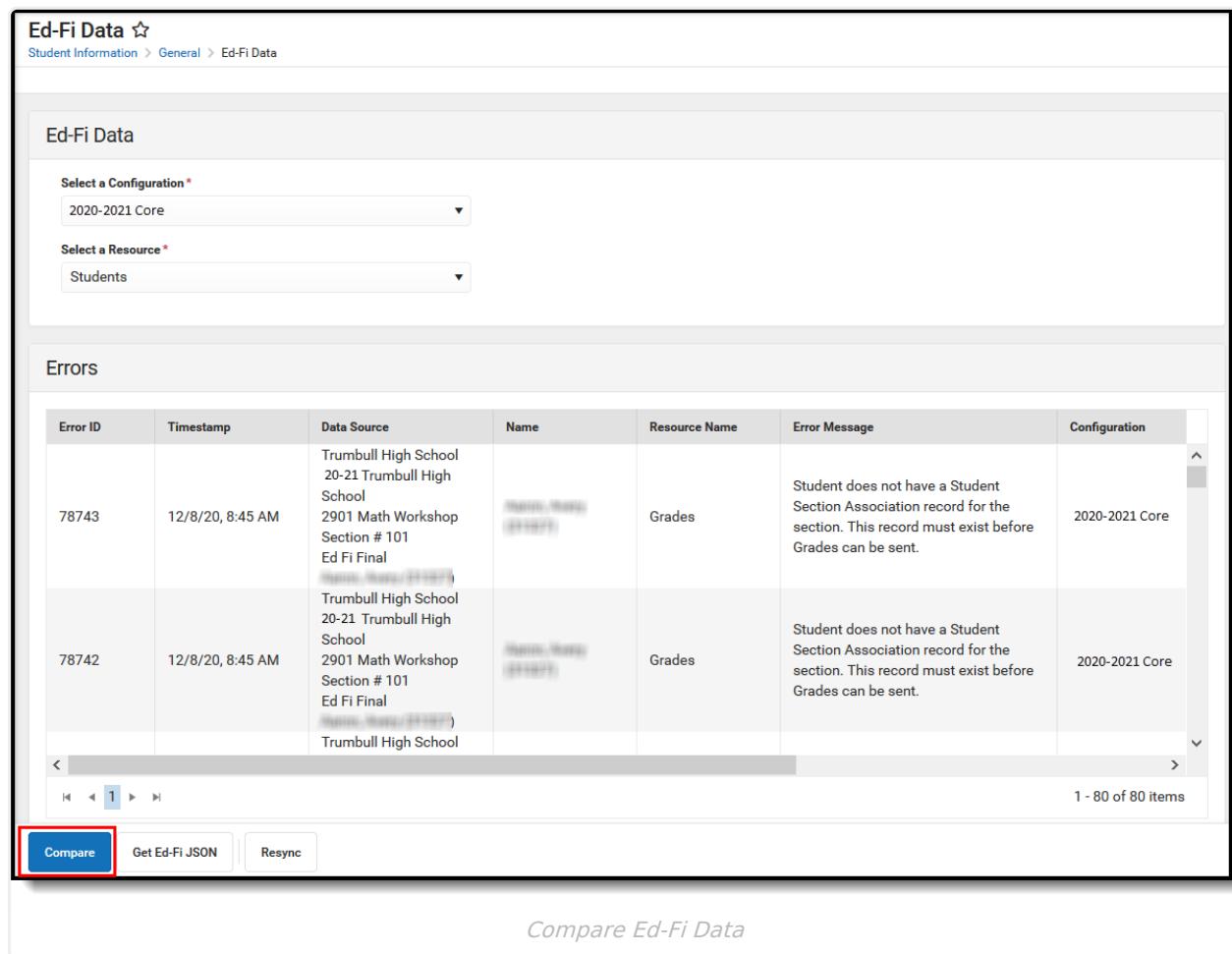
**Add** - Provides no function for this tool

**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.



The screenshot shows the 'Ed-Fi Data' page. At the top, there are dropdown menus for 'Select a Configuration' (2020-2021 Core) and 'Select a Resource' (Students). Below this is a table titled 'Errors' with columns: Error ID, Timestamp, Data Source, Name, Resource Name, Error Message, and Configuration. Two rows of data are visible, both related to student section associations. At the bottom of the table, there are navigation buttons for page 1 of 80 items. A red box highlights the 'Compare' button in the footer.

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

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 dropdown.

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

#### Student Section Associations

#	Ed-Fi Data	#	Campus Data
	<b>Unique Identifiers:</b> localCourseCode: 1014		<b>Unique Identifiers:</b> localCourseCode: 1014
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
	<b>Unique Identifiers:</b> localCourseCode: 4014		<b>Unique Identifiers:</b> localCourseCode: 4014
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	
Student Section Associations	
#	Ed-Fi Data
	<b>Unique Identifiers:</b> localCourseCode: 1014
1	sectionReference:
2	localCourseCode: 1014
3	schoolId: 1681
Campus Data	
#	Campus Data
	<b>Unique Identifiers:</b> localCourseCode: 1014
	<b>Campus Identifiers:</b> courseName: ACP Global Civilization, courseNumber: 4014, sectionNumber: 8
1	sectionReference:
2	localCourseCode: 1014
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	<b>attendance: 11</b>	24	<b>attendance: 156</b>
25	<b>membership: 123</b>	25	<b>membership: 167</b>
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	<b>exitWithdrawDate: 2020-06-03</b>

*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",	
"schoollId": 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",	
<button>Compare</button>	<button>Get Ed-Fi JSON</button>
	<button>Resync</button>

# 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 \*

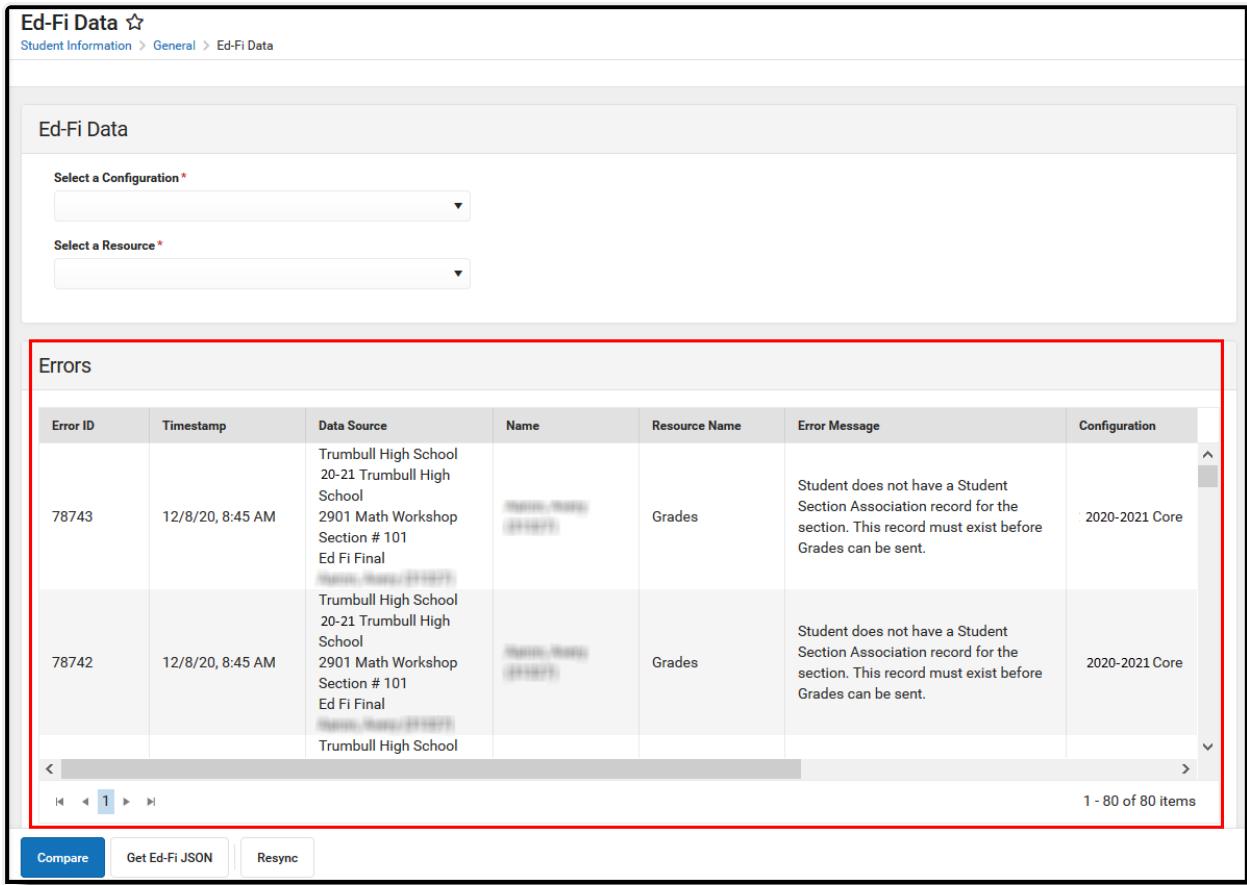
Select a Resource \*

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		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
		Trumbull High School				

1 - 80 of 80 items

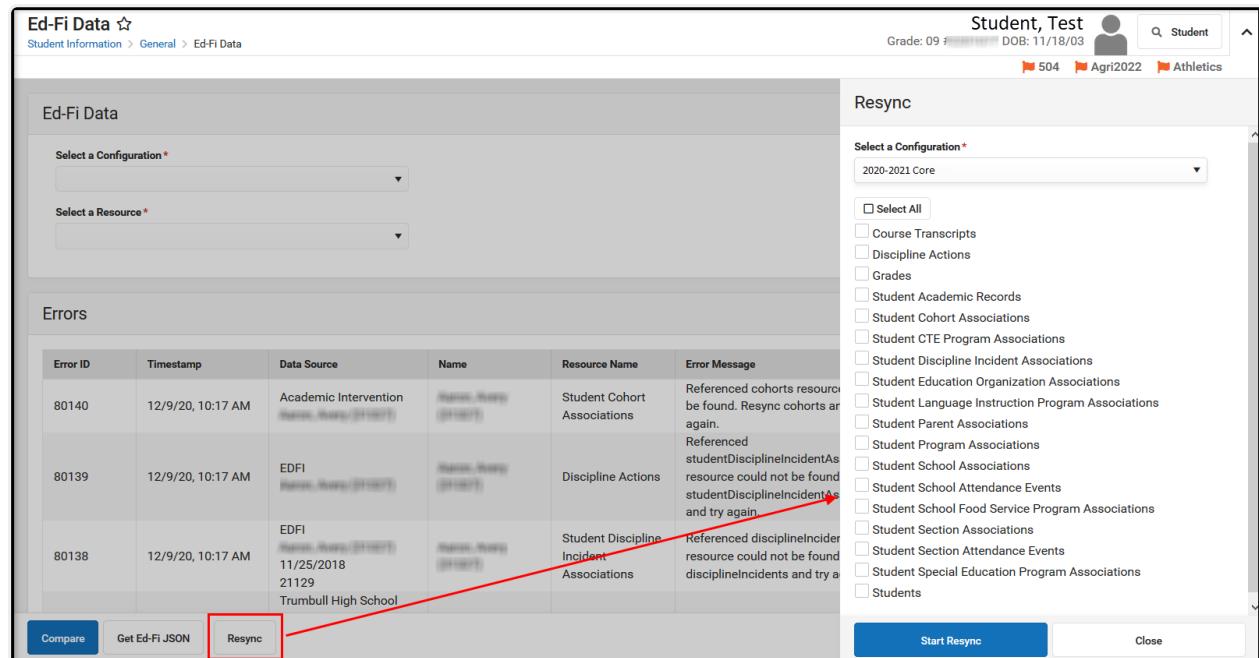
Compare Get Ed-Fi JSON Resync



Ed-Fi Errors

## Perform a Resync

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



The screenshot shows the Ed-Fi Data interface for a student named 'Student, Test'. The top navigation bar includes 'Student Information > General > Ed-Fi Data'. The top right corner shows the student's information: Grade: 09, DOB: 11/18/03, and various activity badges: 504, Agri2022, and Athletics. The main content area is titled 'Ed-Fi Data' and contains two dropdown menus: 'Select a Configuration' and 'Select a Resource'. Below these is a section titled 'Errors' containing a table with three rows of data. The table columns are: Error ID, Timestamp, Data Source, Name, Resource Name, and Error Message. The 'Resync' button is highlighted with a red box. A side panel titled 'Resync' is open, showing a dropdown for 'Select a Configuration' (set to '2020-2021 Core'), a 'Select All' checkbox, and a list of resources with checkboxes next to them. The 'Start Resync' and 'Close' buttons are at the bottom of the side panel.

Error ID	Timestamp	Data Source	Name	Resource Name	Error Message
80140	12/9/20, 10:17 AM	Academic Intervention	Student, Test (111111)	Student Cohort Associations	Referenced cohorts resource could not be found. Resync cohorts and try again.
80139	12/9/20, 10:17 AM	EDFI	Student, Test (111111)	Discipline Actions	Referenced studentDisciplineIncidentAs resource could not be found. studentDisciplineIncidentAs and try again.
80138	12/9/20, 10:17 AM	EDFI	Student, Test (111111) 11/25/2018 21129 Trumbull High School	Student Discipline Incident Associations	Referenced disciplineIncidentAs resource could not be found. disciplineIncidentAs and try again.

*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.