

# Resync (Ed-Fi)

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**Classic View:** System Administration > Ed-Fi > Ed-Fi Tools > Resync

**Search Terms:** Ed-Fi Resync

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The Resync tool allows users to manually resync data from Campus to the Ed-Fi system.

Although Ed-Fi data is sent from Campus to Ed-Fi in real-time (transaction-based), instances where connection is lost, records appear to have not sent, or other various instances may require you to manually request a resync of specific data.

Users may also choose to manually resync data if new data has been entered such as new people or schedules and assigned Ed-Fi values to these people after creating Demographics records. This would ensure these people are now linked to Ed-Fi.

A resync is automatically done on all person related resources when an Ed-Fi ID is added or changed on a person's Demographics page and saved.

When the Combine Person tool is used, all records from the deleted person are removed from Ed-Fi and a resync is automatically performed on the kept person.

All course -related resources can be resynced by course and/or section.

Users must perform a resync on all data at the beginning of a new school year or when a new Ed-Fi ODS has been connected.

## Resync ☆

[Reporting](#) > [Ed-Fi](#) > Resync

Start Resync

Select an Ed-Fi Configuration and Schools to resync data. If a resync is needed for specific people, enter the Campus Person ID's of the records to resync. When more than one person's records should be resynced, separate the ID's with a line break, comma or space. If running for specific people, non-person-related resources and attendance will not resync. **Warning** For best performance, run one school at a time as running the Resync Tool sends large amounts of data.

Ed-Fi Configuration

School(s)  All Schools

Campus Person ID(s)  All People

Campus Course ID(s)  All Courses

Campus Section ID(s)  All Sections

Select Dependencies

- Attendance Information
- Cohort Information
- Discipline Information
- Education Organization Information
- Grade Information
- Parent Information
- Schedule Information
- Staff Information
- Student Information

Grayed out resource checkboxes indicate a resync is already in progress for that School & Resource Combination.

*Resync Tool*

## Prerequisites

- Ed-Fi functionality must be enabled via [Enable Ed-Fi System Preference](#).
- In order to properly use Ed-Fi tools, proper values must be established within the [Ed-Fi Config tool](#). This ensures Campus is communicating with Ed-Fi and successfully sending data to their servers.
- Ed-Fi IDs should be assigned to users via the [Demographics tab](#).

## Tool Rights

In order to view data within the Resync tool, users must have at least **R**(ead) rights to Resync. In

order start a resync, users, must have at least **R**(ead) and **W**(rite) rights.

The screenshot shows the user rights configuration for 'User: testervig1'. The 'Tool Rights' tab is selected, displaying a list of system tools with columns for Read, Write, and Execute permissions. The 'Resync' tool, located under the 'Ed-Fi' folder, is highlighted with a red box and a red arrow. It has checkmarks in the Read and Write columns, indicating that the user has the necessary permissions to perform a resync.

*Resync Tool Rights*

## Resync Ed-Fi Data

- Users will have to resync all data when a new ODS is connected and all data setup is complete. This will send a large amount of data so users are advised to resync this data during non-peak hours.

## Resync ☆

Reporting > Ed-Fi > Resync

⚙️ Start Resync

line break, comma or space. If running for specific people, non-person-related resources and attendance will not resync.  
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Ed-Fi Configuration  
 Core Ed-Fi v 3.x 20-21 ▾

School(s) <input style="width: 95%; border: 1px solid #ccc;" type="text" value="x Booth Hill Elementary School"/>	All Schools <input type="checkbox"/>
Campus Person ID(s) <input style="width: 95%; border: 1px solid #ccc;" type="text"/>	All People <input checked="" type="checkbox"/>
Campus Course ID(s) <input style="width: 95%; border: 1px solid #ccc;" type="text"/>	All Courses <input checked="" type="checkbox"/>
Campus Section ID(s) <input style="width: 95%; border: 1px solid #ccc;" type="text"/>	All Sections <input checked="" type="checkbox"/>

Select Dependencies

Attendance Information

Student School Attendance Events  
 Student Section Attendance Events  

-

Cohort Information

Discipline Information

Education Organization Information

Schools

Resync Ed-Fi Data

### To resync records:

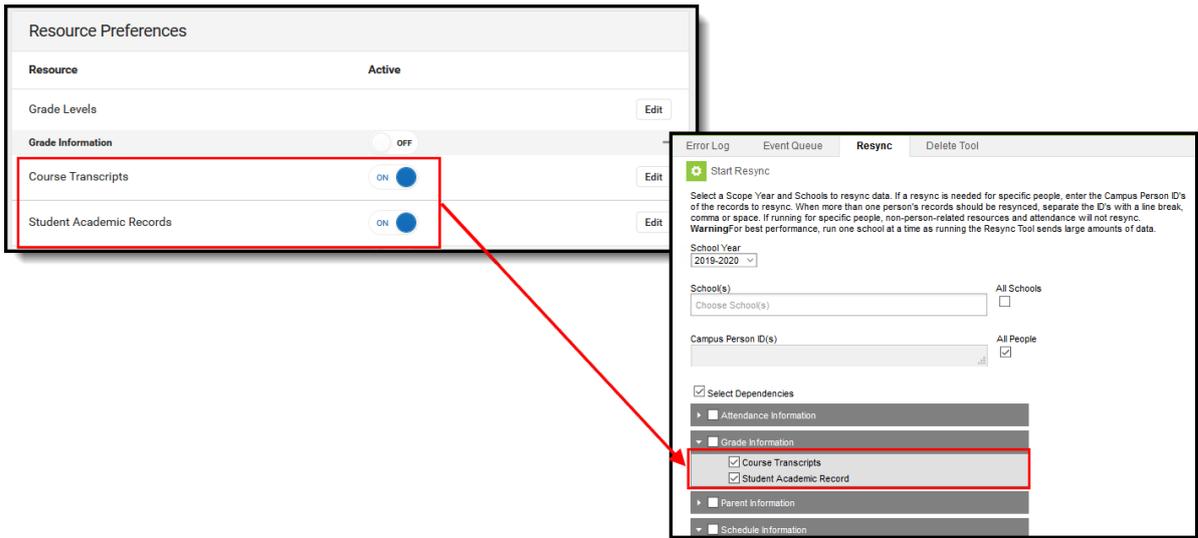
1. Select the **Configuration**. Only records within this year and school are synced.
2. Select which **School(s)** will resync records with Ed-Fi. This field will begin to show school results as a value is typed into the field. You may also scroll through the entire list of schools by simply entering the cursor in the field and scrolling the available dropdown list. You may also select **All Schools** if you would like to resync records for all schools within the district.

Users are highly encouraged NOT to select All Schools as it can cause severe system performance issues.

3. If only records for specific people should be resynced, enter their **Campus Person ID(s)**. Each ID should be separated by a line break, comma, or space. Non-person related resources and attendance will resync for specific people.
4. If desired, select specific courses and/or sections to be resynced.

5. Once the Configuration and School(s) are set, the data set(s) needs to be marked. The resources turned on in the [Resource Preferences](#) tool determine which options are available for selection here. For example in the image below, turning on the Course Transcript and Student Academic Record resources in the Ed-Fi > Ed-Fi Configuration > Resource Preferences area enables users to select these items for resync in the Resync tool.

Mark the **Select Dependencies** checkbox to include those items that are dependent upon each other. For example, when Select Dependencies is marked, and the Course Offerings option is selected in the Schedule Information section, the Sessions option is also selected.



6. Select **Start Resync** to resync selected data sets.

When a resync is in progress, resources become read only for the resources/school combination that are being resynced.