Syncing Data Between District and State Edition

Last Modified on 05/07/2024 10:57 am CDT

Infinite Campus is designed to seamlessly transfer data between District and State Editions using Data Interchange Service (DIS) functionality. Using this functionality, anytime specific records or fields are saved, the system is told to send this information from the district to the state. This ensures information between districts and the state stay in sync and information reported out of the state is accurate.

Many fields within Infinite Campus send information from districts to the state automatically when modified and saved in the District Edition however, some information can only be sent by initiating a manual resync. The sections below will explain how you can manually resync information from your district to the state and how you can manually resync information for specific person, identity, and enrollment records.

- Manually Resync Information Between a District and the State
- Resync Specific Person/Identity and Enrollment Records to the State
- Analyze Data Inconsistencies Between the District and State
- Data Setup Impacting District/State Syncing
- Fields Which Sync Between District and State
- State-Specific Objects

For a breakdown of which fields within Infinite Campus sync between District and State Editions, see the Fields Which Sync Between District and State section below.

Manually Resync Information Between a District and the State

You can manually resync batches of information from the district to the state using the Resync State Data tool.

Please see the **Resync State Data article** for a comprehensive guide on how to perform this process and better understand its functionality.

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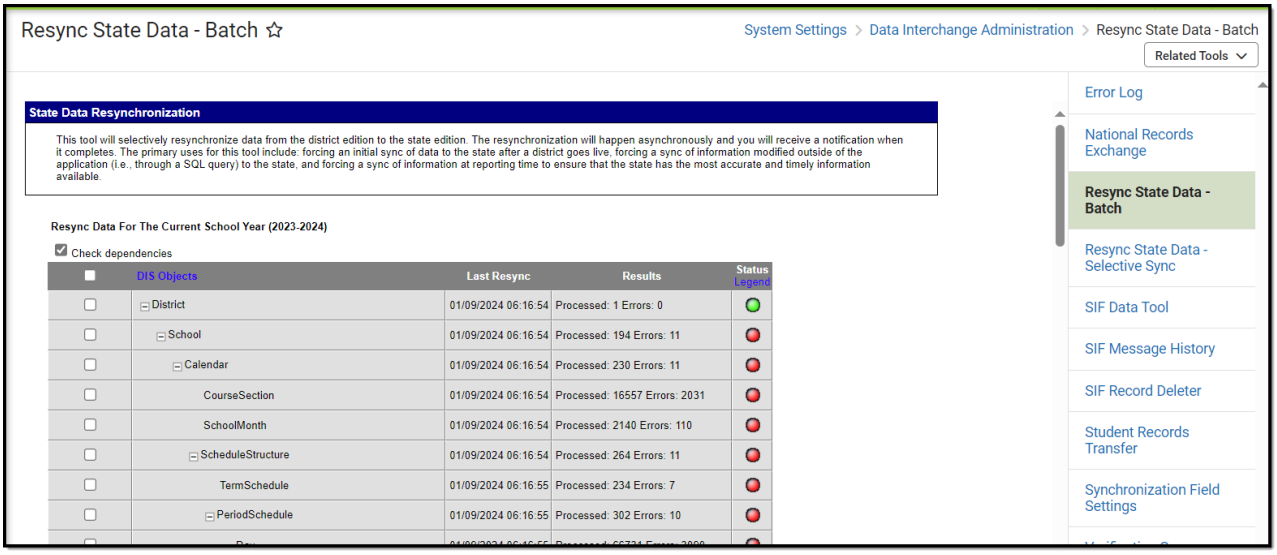

Resync Scenarios

A district can resync its data to the state, as needed. However, the following resync scenarios are **mandatory:**

End of a school year	A resync must be performed at the end of a school year, after districts have finished entering all data for that year. This resync must be completed before the scoped year of the district/state zones is switched to the new school year. This should be a full resync.
Start of a school year	A resync must be performed at the beginning of a school year, after all enrollments have been rolled forward and the scoped year of the district/state Zones has been updated to match the new school year. This should be a full resync.
Database modifications	A resync must be performed if data is added or edited directly within the database, instead of within the Infinite Campus interface. **Modifying data within the database is not recommended**. This may be a partial or full resync. **Deleting data directly within the database will cause orphaned records as DIS is unable to detect this type of record deletion.**
State resync request	The state may request a resync for the purpose of state reporting, gathering attendance snapshots, pulling end-of-year attendance summaries, etc. Districts cannot deny or prevent a resync initiated by the state. This may be a partial or full resync.

Infinite Campus strongly recommends using the Verification Summary tool to generate district/state verification reports before resynching a scenario not listed above. Comparing verification report results will indicate whether or not a resync is necessary.

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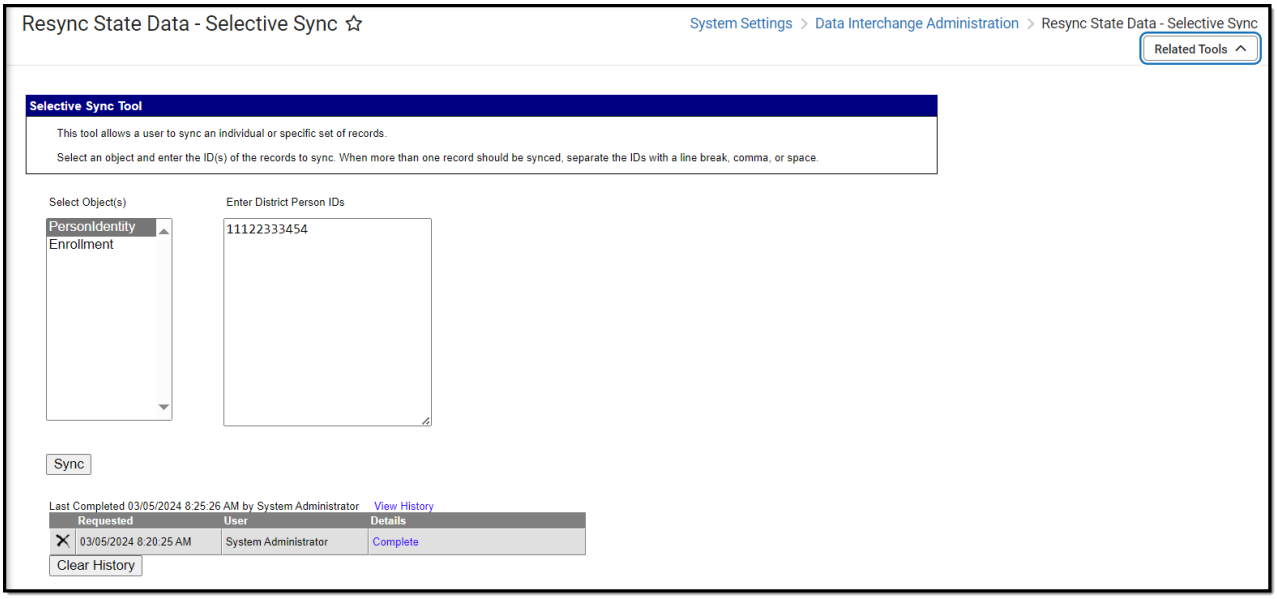
Resync Specific Person/Identity and Enrollment Records to the State

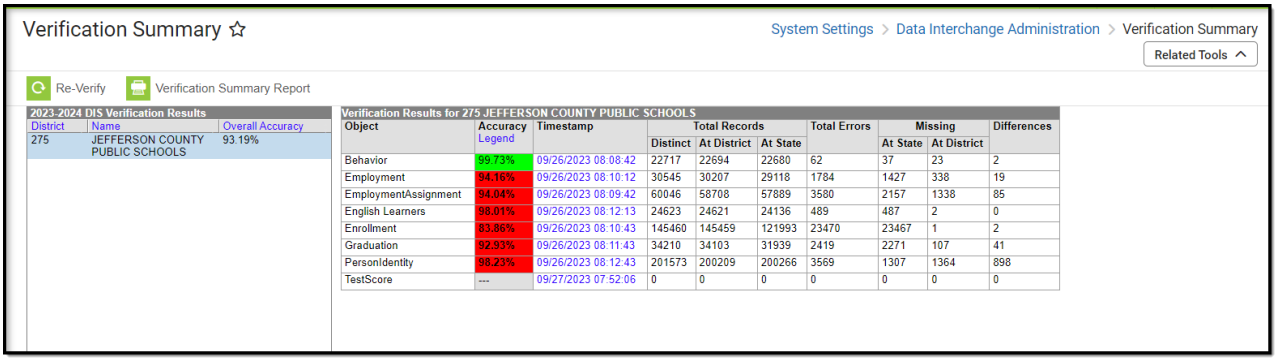
You can manually sync Person/Identity and Enrollment records for a specific user or set of users via the Selective Sync tool. This tool is especially helpful when troubleshooting records or errors or wanting to resync a specific set of records without the need for a larger, more intensive sync via the Batch Resync tool.

> Please see the **Selective Sync** article for a comprehensive guide to this process and the tool's functionality.



Analyze Data Inconsistencies Between the District and State

You can analyze inconsistencies between your district and the state using the Verification Summary tool.



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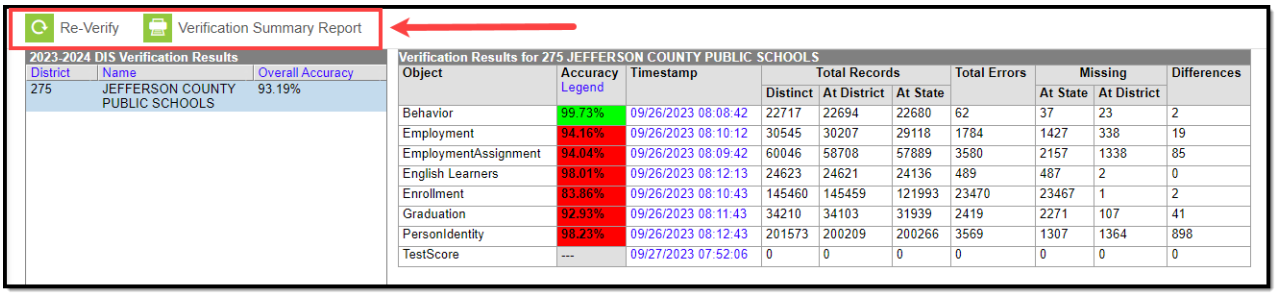
This tool breaks down the total number of records which exist at the district and the state (for said district), the total number of district-level records which do not exist at the state, the total number of state-level records (related to the district) which do not exist at the district, and the number of records where values in a key field differ (Differences) for the following areas:

- Behavior Records
- Employment Records
- Employment Assignment Records
- Enrollment Records
- Graduation Records
- English Learner Records
- Person/Identity Records
- Test Scores

You can review a breakdown of this data by selecting the **Verification Summary Report** as well as re-verify the data between the district and the state by selecting **Re-Verify**.

For a comprehensive guide on how to use and understand this tool, please see the **Verification Summary** article.



Data Setup Impacting District/State Syncing

For more information about how certain data setups can impact whether or not certain records sync between districts and the state, see the Data Setup Impacting District to State Syncing article.

Fields Which Sync Between District and State

Information synced between districts and the state are grouped into objects. Objects are collections of fields that make up the purpose of the object syncing information. For example, the Behavior Incident object contains all of the information needed to populate and update a behavior incident record properly.

The sections below explain each object synced between districts and the state, the fields that

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make up each object, and whether each field is synced to the state when its information has been changed and saved and/or a batch resync request has been initiated.

AdHocFilter

Click here to expand...

AttributeMapping

Click here to expand...

BehaviorIncident

Click here to expand...

BehaviorEvent

Click here to expand...

BehaviorType

Click here to expand...

BehaviorRole

Click here to expand...

BehaviorResolution

Click here to expand...

BehaviorResolutionType

Click here to expand...

BehaviorResponse

Click here to expand...

BehaviorResponseType

Click here to expand...

BehaviorHarassment

Click here to expand...

BehaviorDrug

Click here to expand...

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BehaviorWeapon

Click here to expand...

Calendar

Click here to expand...

CalendarToolPublishedTab

Click here to expand...

CareerReadiness

Click here to expand...

CareerTechnicalEducation

Click here to expand...

CensusContactSummary

Click here to expand...

ContactLog

Click here to expand...

Course

Click here to expand...

CourseCode

Click here to expand...

CourseSection

Click here to expand...

DataCertificationObjectMember

Click here to expand...

DataCertificationTypeMember

Click here to expand...

DatasetSnapshot

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Click here to expand...

DataValidationDef

Click here to expand...

Day

Click here to expand...

District

Click here to expand...

DISVerificationResult

Click here to expand...

Dual Language Immersion

Click here to expand...

Early Warning

Click here to expand...

EarlyWarningScoreDaily

Click here to expand...

EarlyWarningScoreMonthly

Click here to expand...

EarlyWarningScoreYearly

Click here to expand...

Employment

Click here to expand...

EmploymentAssignment

Click here to expand...

EmploymentBackground

Click here to expand...

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EmploymentCredential

Click here to expand...

Enrollment

Click here to expand...

Evaluation

Click here to expand...

ExtendedLearningOpportunity

Click here to expand...

Form

Click here to expand...

FosterCare

Click here to expand...

Graduation

Click here to expand...

HealthScreening

Click here to expand...

Homeless

Click here to expand...

HomelessService

Click here to expand...

ImmCertificate

Click here to expand...

InstructionMode

Click here to expand...

LEP / EL

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Click here to expand...

LepAccommodation

Click here to expand...

LepAccommodationType

Click here to expand...

LEPService

Click here to expand...

LEPServiceType

Click here to expand...

MedicaidInsurance

Click here to expand...

Migrant

Click here to expand...

PeriodSchedule

Click here to expand...

PersonIdentity

Click here to expand...

Plan

Click here to expand...

PlanProgressReport

Click here to expand...

PregnantAndParenting

Click here to expand...

ProgramParticipation

Click here to expand...

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PublishedTabCustomStudent

Click here to expand...

Roster

Click here to expand...

RosterVerificationRequest

Click here to expand...

RosterVerificationSection

Click here to expand...

RosterVerificationSectionStaff

Click here to expand...

RosterVerificationSectionStudent

Click here to expand...

ScheduleStructure

Click here to expand...

School

Click here to expand...

SchoolYearGPA

Click here to expand...

Section

Click here to expand...

Section504

Click here to expand...

StructureGradeLevel

Click here to expand...

TeamMember

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Click here to expand...

TermSchedule

Click here to expand...

Test

Click here to expand...

TestScore

Click here to expand...

TranscriptCourseSE

Click here to expand...

TwentyFirstCCLC

Click here to expand...

VaccineShot

Click here to expand...

State-Specific Objects

The following objects are state-specific and only sent by districts in said state.

Nevada Objects

AdultEducation

Click here to expand...

AttDayAggregation

Click here to expand...

AttendanceExcuse

Click here to expand...

SchoolMonth

Click here to expand...

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AttExtractCount

Click here to expand...

North Carolina Objects

SpecialEdState

Click here to expand...

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