

Syncing Data Between District and State Edition

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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.

Resync State Data - Batch ☆ System Settings > Data Interchange Administration > Resync State Data - Batch

Related Tools ▾
[Error Log](#)
[National Records Exchange](#)
Resync State Data - Batch
[Resync State Data - Selective Sync](#)
[SIF Data Tool](#)
[SIF Message History](#)
[SIF Record Deleter](#)
[Student Records Transfer](#)
[Synchronization Field Settings](#)

State Data Resynchronization

This tool will selectively resynchronize data from the district edition to the state edition. The resynchronization will happen asynchronously and you will receive a notification when it completes. The primary uses for this tool include: forcing an initial sync of data to the state after a district goes live, forcing a sync of information modified outside of the application (i.e., through a SQL query) to the state, and forcing a sync of information at reporting time to ensure that the state has the most accurate and timely information available.

Resync Data For The Current School Year (2023-2024)

Check dependencies

<input type="checkbox"/>	DIS Objects	Last Resync	Results	Status Legend
<input type="checkbox"/>	[-] District	01/09/2024 06:16:54	Processed: 1 Errors: 0	●
<input type="checkbox"/>	[-] School	01/09/2024 06:16:54	Processed: 194 Errors: 11	●
<input type="checkbox"/>	[-] Calendar	01/09/2024 06:16:54	Processed: 230 Errors: 11	●
<input type="checkbox"/>	CourseSection	01/09/2024 06:16:54	Processed: 16557 Errors: 2031	●
<input type="checkbox"/>	SchoolMonth	01/09/2024 06:16:54	Processed: 2140 Errors: 110	●
<input type="checkbox"/>	[-] ScheduleStructure	01/09/2024 06:16:54	Processed: 264 Errors: 11	●
<input type="checkbox"/>	TermSchedule	01/09/2024 06:16:55	Processed: 234 Errors: 7	●
<input type="checkbox"/>	[-] PeriodSchedule	01/09/2024 06:16:55	Processed: 302 Errors: 10	●

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. <u>Modifying data within the database is not recommended.</u> This may be a partial or full resync. <div style="border: 1px solid #ccc; background-color: #f8d7da; padding: 10px; margin-top: 10px;"> <p style="text-align: center; color: #721c24;"><u>Deleting data directly within the database will cause orphaned records as DIS is unable to detect this type of record deletion.</u></p> </div>
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.

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.

Resync State Data - Selective Sync ☆ System Settings > Data Interchange Administration > Resync State Data - Selective Sync [Related Tools ^](#)

Selective Sync Tool

This tool allows a user to sync an individual or specific set of records.

Select an object and enter the ID(s) of the records to sync. When more than one record should be synced, separate the IDs with a line break, comma, or space.

Select Object(s)

PersonIdentity

Enrollment

Enter District Person IDs

11122333454

Last Completed 03/05/2024 8:25:26 AM by System Administrator [View History](#)

Requested	User	Details
✕ 03/05/2024 8:20:25 AM	System Administrator	Complete

Analyze Data Inconsistencies Between the District and State

You can analyze inconsistencies between your district and the state using the [Verification Summary tool](#).

Verification Summary ☆ System Settings > Data Interchange Administration > Verification Summary [Related Tools ^](#)

2023-2024 DIS Verification Results			Verification Results for 275 JEFFERSON COUNTY PUBLIC SCHOOLS									
District	Name	Overall Accuracy	Object	Accuracy Legend	Timestamp	Total Records			Total Errors	Missing		Differences
						Distinct	At District	At State		At State	At District	
275	JEFFERSON COUNTY PUBLIC SCHOOLS	93.19%	Behavior	99.73%	09/26/2023 08:08:42	22717	22694	22680	62	37	23	2
			Employment	94.16%	09/26/2023 08:10:12	30545	30207	29118	1784	1427	338	19
			EmploymentAssignment	94.04%	09/26/2023 08:09:42	60046	58708	57889	3580	2157	1338	85
			English Learners	98.01%	09/26/2023 08:12:13	24623	24621	24136	489	487	2	0
			Enrollment	83.86%	09/26/2023 08:10:43	145460	145459	121993	23470	23467	1	2
			Graduation	92.93%	09/26/2023 08:11:43	34210	34103	31939	2419	2271	107	41
			PersonIdentity	98.23%	09/26/2023 08:12:43	201573	200209	200266	3569	1307	1364	898
			TestScore	---	09/27/2023 07:52:06	0	0	0	0	0	0	0

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.

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						Distinct	At District	At State		At State	At District		
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			Graduation	92.93%	09/26/2023 08:11:43	34210	34103	31939	2419	2271	107	41	
			PersonIdentity	98.23%	09/26/2023 08:12:43	201573	200209	200266	3569	1307	1364	898	
			TestScore	---	09/27/2023 07:52:06	0	0	0	0	0	0	0	

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

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...](#)

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

▶ [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...](#)

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

▶ [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...](#)

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

▶ [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...](#)

AttExtractCount

▶ [Click here to expand...](#)

North Carolina Objects

SpecialEdState

▶ [Click here to expand...](#)
