

Data Change Tracker Setup

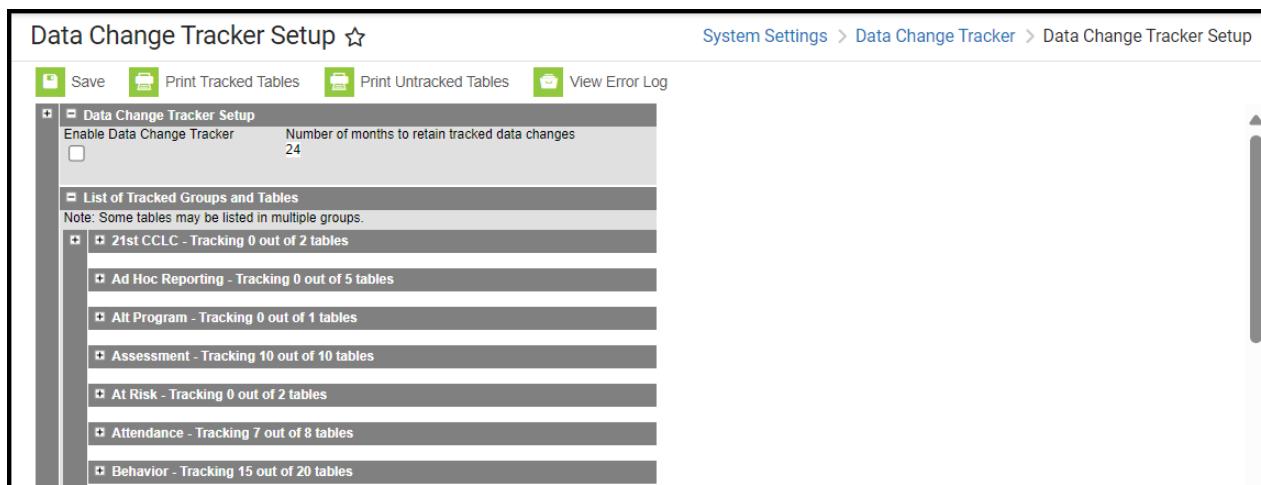
Last Modified on 01/28/2026 2:30 pm CST

Tool Search: Data Change Tracker Setup

Data Change Tracker is available as part of the [Campus Data Suite](#).

Data Change Tracker functionality must first be enabled via the Data Change Tracker Setup tool for data changes to begin being tracked within Campus and begin populating data for use in the [Data Change Tracker Report](#).

Along with enabling this functionality, this tool also details how many months' worth of data changes will be tracked for reporting and which tables within Campus will be tracked.

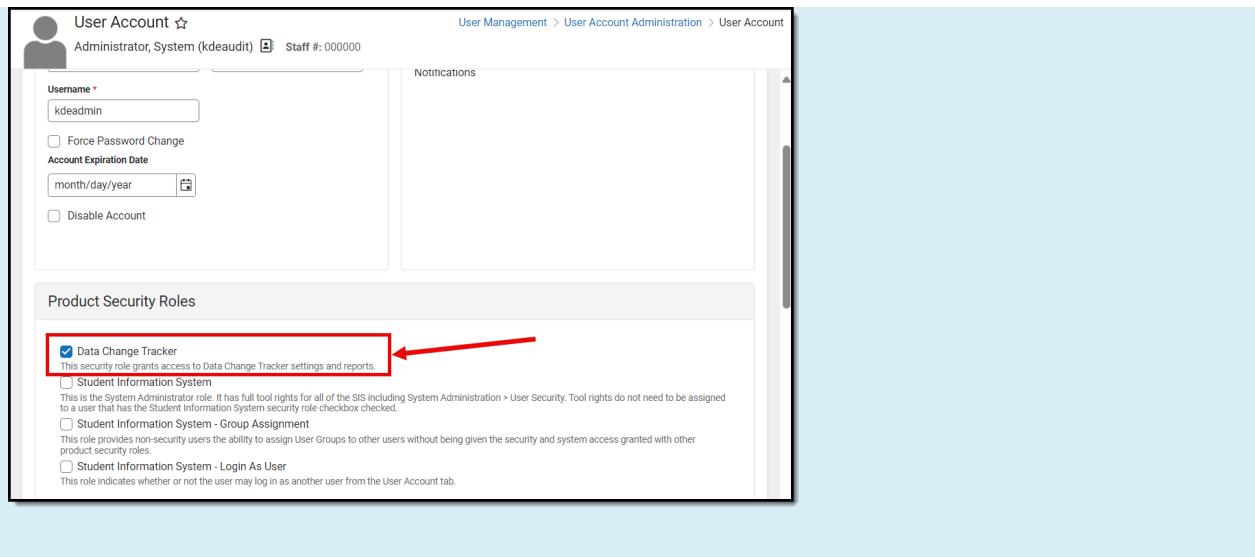


Prerequisites

The following must be completed before enabling Data Change Tracker functionality via the Data Change Tracker Setup tool:

- Data Change Tracker functionality must be enabled for your district.

A user must be assigned to the [Data Change Tracker security role](#) by your district's Security Administrator or be assigned tool rights for the Data Change Tracker Setup tool. Tool rights for the Data Change Tracker can only be given to individual user accounts. These tool rights cannot be given to a User Group.



The screenshot shows the 'User Account' page in the 'User Management' section. The 'Administrator, System (kdeaudit)' user is selected. The 'Username' field is set to 'kdeadmin'. Under 'Product Security Roles', the 'Data Change Tracker' checkbox is checked and highlighted with a red box and arrow. Other roles listed are 'Student Information System', 'Student Information System - Group Assignment', and 'Student Information System - Login As User'. A note below the 'Data Change Tracker' role states: 'This is the System Administrator role. It has full tool rights for all of the SIS including System Administration > User Security. Tool rights do not need to be assigned to a user that has the Student Information System security role checkbox checked.'

Enabling Data Change Tracker Functionality

To enable Data Change Tracking, mark the **Enable Data Change Tracker** checkbox and click the **Save** icon. Once enabled, data changes occurring within Campus will begin being tracked and stored for all tables indicated in the List of Tracked Groups and Tables list below.

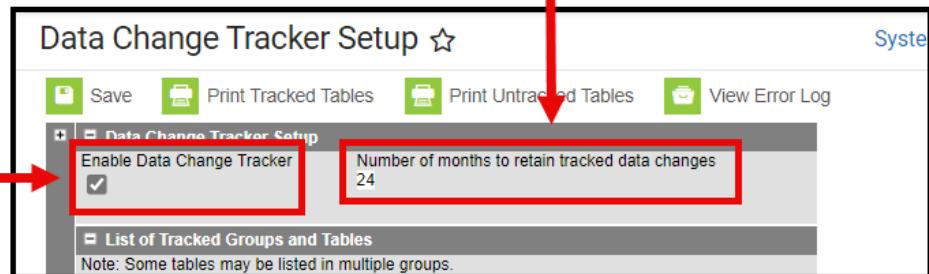
Once enabled, you may need to wait up to an hour for collected data to be processed for reporting purposes.

The **number of months to retain logs of tracked data changes** indicates how many months' worth of data changes will be retained within Campus. The expiration date for retained data is based on the date the record was modified (this includes any values contained within the source record or the association with the school).

If you would like more months retained than the number being shown, please contact Infinite Campus.

Mark this checkbox to enable Data Change Tracker functionality

This field indicates how many months worth of data will be retained.



Understanding Tracked Groups and Tables

If table customization functionality has been enabled, the list of tracked tables will feature the ability to manually add or remove tables being tracked by the Data Change Tracker tool, which Campus did not already predefine.

This functionality can only be turned on by Campus Hosting.

Attendance tables are not a part of the Data Change Tracker as this data is already captured in the core attendance auditing structure. For more information, see the [Attendance Change Tracking Report](#) and the [Enable Attendance Auditing System Preference](#).

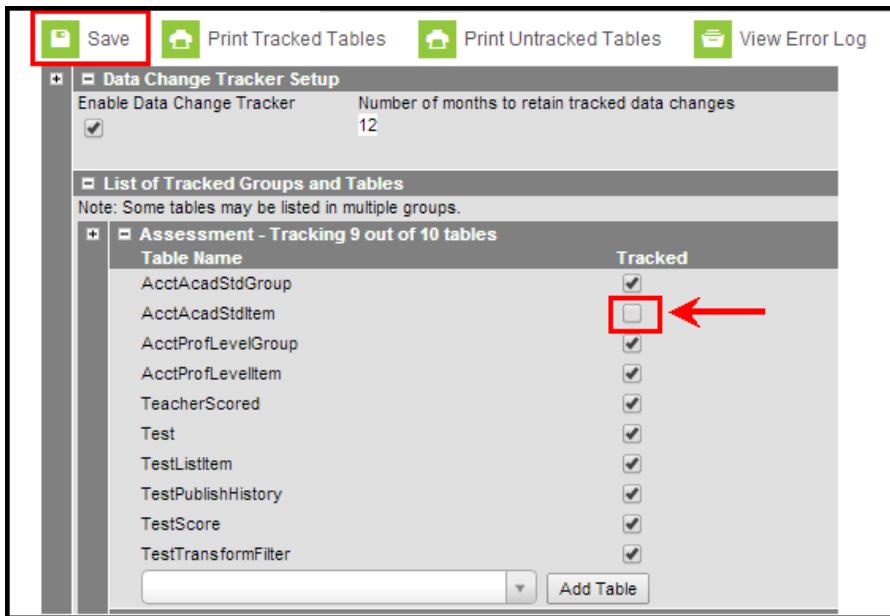
See the following sections for more information about this functionality:

- [Removing Tables From Being Tracked](#)
- [Adding User-Defined Tables](#)

Removing Tables From Being Tracked

To remove a table from being tracked by the Data Change Tracker tool, unmark the checkbox in the Tracked column for each table you wish to remove. Once all desired tables have been unmarked, select the **Save** icon.

Some tables are enabled by default and cannot be untracked as they are critical in ensuring other tables throughout the tool can function and track data properly.



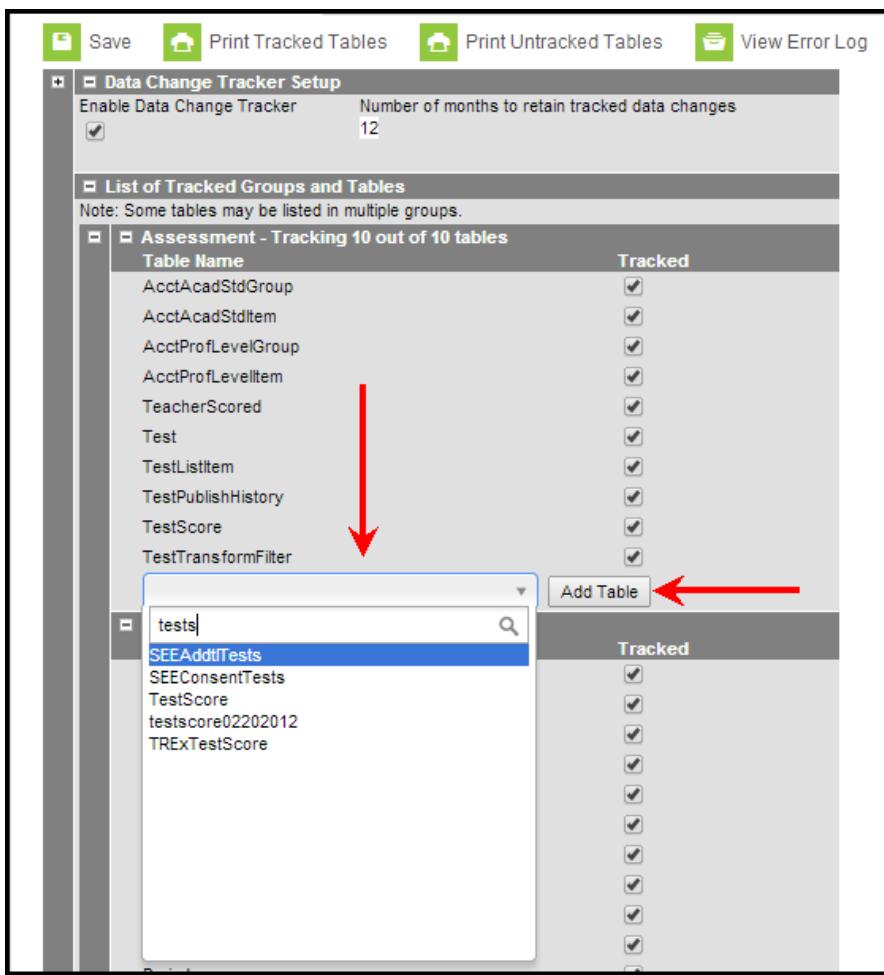
Adding User-Defined Tables

To add tables to a table group and have them tracked by Data Change Tracker functionality, expand a table group and begin typing the name of the table in the blank field at the bottom of the table list. As you type, an auto-completed list will appear after at least 3 letters have been entered.

Campus Hosting must enable this functionality manually. If you do not see the Add Table button and want to use it, have your Authorized Support Contact submit a request to Campus Hosting to enable tracking of user-defined tables.

Users cannot add tables included within the DenyList group: "Excluded Tables - Tracking NOT AVAILABLE".

Tracking is available for most tables however, there are some exceptions. Human Resource and Payroll-related tables cannot be enabled for security reasons, tables that are logged cannot be enabled as it would be capturing redundant information and impact performance, and attendance tables cannot be added as attendance information is already captured in the core attendance auditing structure (see the [Attendance Change Tracking Report](#)).



Save Print Tracked Tables Print Untracked Tables View Error Log

Data Change Tracker Setup

Enable Data Change Tracker Number of months to retain tracked data changes
 12

List of Tracked Groups and Tables
Note: Some tables may be listed in multiple groups.

Assessment - Tracking 10 out of 10 tables

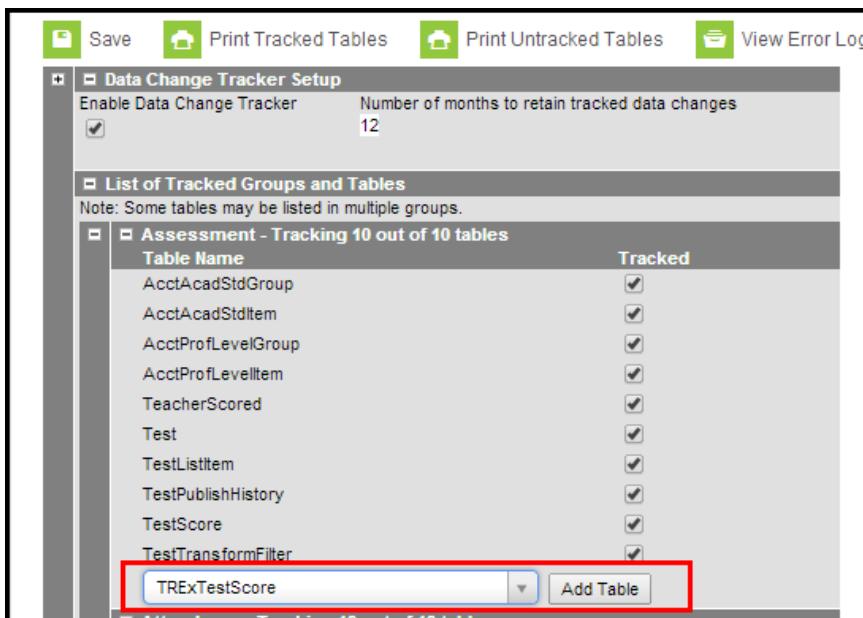
Table Name	Tracked
AcctAcadStdGroup	<input checked="" type="checkbox"/>
AcctAcadStdItem	<input checked="" type="checkbox"/>
AcctProfLevelGroup	<input checked="" type="checkbox"/>
AcctProfLevelItem	<input checked="" type="checkbox"/>
TeacherScored	<input checked="" type="checkbox"/>
Test	<input checked="" type="checkbox"/>
TestListItem	<input checked="" type="checkbox"/>
TestPublishHistory	<input checked="" type="checkbox"/>
TestScore	<input checked="" type="checkbox"/>
TestTransformFilter	<input checked="" type="checkbox"/>

Add Table

tests

SEEAddtTests
SEEConsentTests
TestScore
testscore02202012
TRExTestScore

Once the table has been found, select the table from the list. The table name will populate the field. Select the **Add Table** button to add the table to the table group.



Save Print Tracked Tables Print Untracked Tables View Error Log

Data Change Tracker Setup

Enable Data Change Tracker Number of months to retain tracked data changes
 12

List of Tracked Groups and Tables
Note: Some tables may be listed in multiple groups.

Assessment - Tracking 10 out of 10 tables

Table Name	Tracked
AcctAcadStdGroup	<input checked="" type="checkbox"/>
AcctAcadStdItem	<input checked="" type="checkbox"/>
AcctProfLevelGroup	<input checked="" type="checkbox"/>
AcctProfLevelItem	<input checked="" type="checkbox"/>
TeacherScored	<input checked="" type="checkbox"/>
Test	<input checked="" type="checkbox"/>
TestListItem	<input checked="" type="checkbox"/>
TestPublishHistory	<input checked="" type="checkbox"/>
TestScore	<input checked="" type="checkbox"/>
TestTransformFilter	<input checked="" type="checkbox"/>
TRExTestScore	<input checked="" type="checkbox"/>

Added tables will appear in the table group list with a black X to the left of the table name. To have

Data Change Tracker functionality begin tracking change data for this table, mark the checkbox in the Tracked column and select the **Save** icon.

To remove a table from the table group, click the black **X** to the left of the table name.

Save Print Tracked Tables Print Untracked Tables View Error Log

Data Change Tracker Setup

Enable Data Change Tracker Number of months to retain tracked data changes 12

List of Tracked Groups and Tables
Note: Some tables may be listed in multiple groups.

Assessment - Tracking 10 out of 10 tables

Table Name	Tracked
AcctAcadStdGroup	<input checked="" type="checkbox"/>
AcctAcadStdItem	<input checked="" type="checkbox"/>
AcctProfLevelGroup	<input checked="" type="checkbox"/>
AcctProfLevelItem	<input checked="" type="checkbox"/>
TeacherScored	<input checked="" type="checkbox"/>
Test	<input checked="" type="checkbox"/>
TestListitem	<input checked="" type="checkbox"/>
TestPublishHistory	<input checked="" type="checkbox"/>
TestScore	<input checked="" type="checkbox"/>
TestTransformFilter	<input checked="" type="checkbox"/>
X TRExTestScore	<input type="checkbox"/>

Attendance - Tracking 12 out of 12 tables

If you would like to create your own set of tables within a group (instead of within a predefined group), you can add tables to the User-defined table area.

System Administration - MISC - Tracking 14 out of 14 tables

System Administration - Student Portfolio (Transcript) - Tracking 15 out of 15 tables

System Administration - User Security - Tracking 14 out of 14 tables

User-defined - Tracking 1 out of 1 tables

Table Name	Tracked
X MobileDevice	<input checked="" type="checkbox"/>

Excluded Tables - Tracking NOT AVAILABLE on 86 tables

Table Name	Tracked
AcctAcadAchievement	<input type="checkbox"/>
AcctAcadAchievementCalc	<input type="checkbox"/>

Tracking New Tables

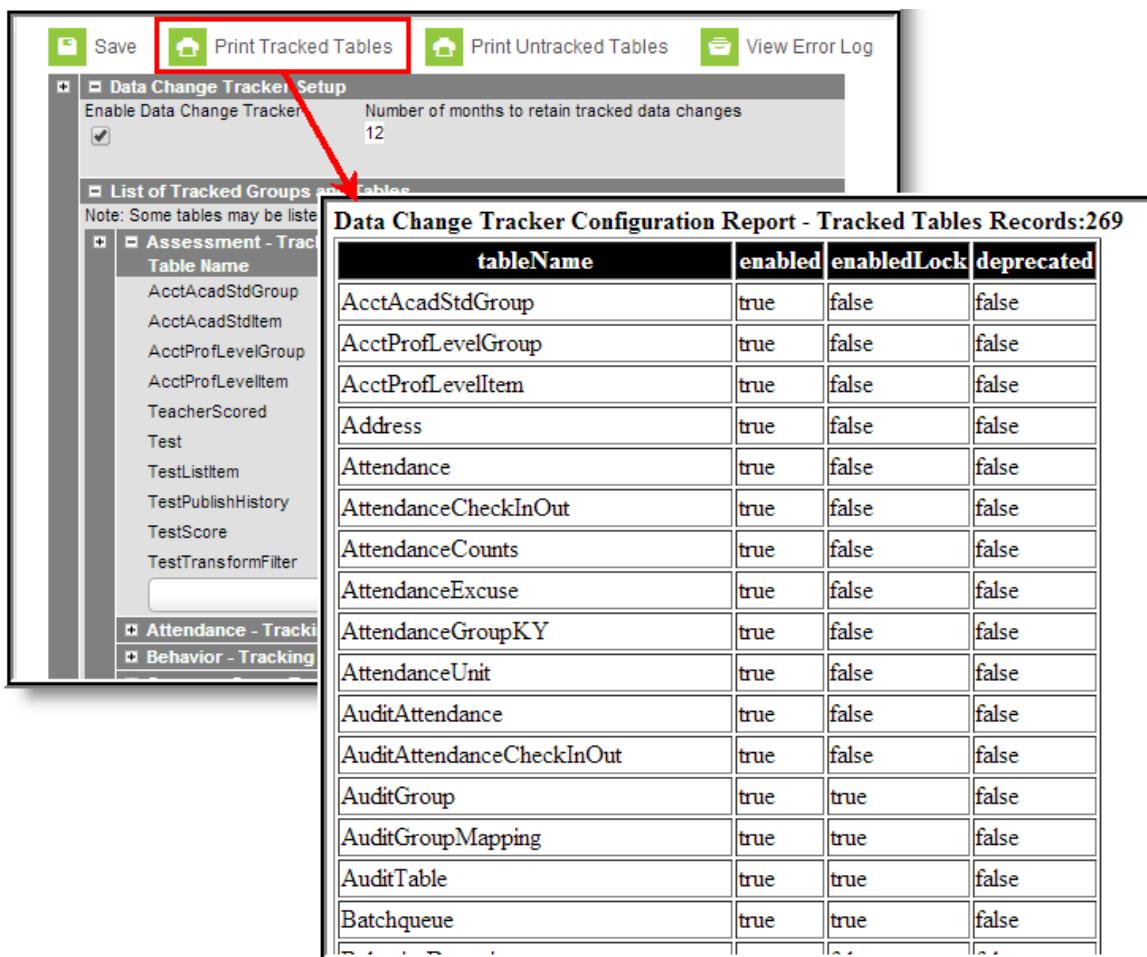
Infinite Campus lists any new tables as they're released via the Technical Information document accompanying every Campus version ([for example](#)). When a release contains new tables, you should consider whether or not your district wants to track any of these new tables. Provided table customization functionality has been enabled (this functionality can only be turned on by Campus Hosting), these new tables can be added to tracking on the Data Change Tracker Setup screen, as described in the [Adding User-Defined Tables](#) section of this document.

The following is the workflow for tracking a new table within Data Change Tracker:

1. Infinite Campus adds a new table via a Release Pack.
2. The district notices the new table(s) and decides they want them added for tracking.
3. If the district does not have the preference enabled to track custom tables within Data Change Tracker they need to put in a Campus Support case requesting this functionality.
4. Once Infinite Campus enables this preference for the district, they need to go into the Data Change Tracker Setup tool and add it as a tracked table via the process described in the [Adding User-Defined Tables](#) section of this document.
5. The district will need to continue to repeat Step 4 for each new table as they are added to Infinite Campus.

Printing Tracked Tables

To print a list of all tables currently being tracked by the Data Change Tracker tool, select the **Print Tracked Tables** icon. The Data Change Tracker Configuration Report - Tracked Tables will appear in a separate window in HTML format (see Image 9).



The screenshot shows the 'Data Change Tracker Setup' interface. At the top, there are four buttons: 'Save', 'Print Tracked Tables' (which is highlighted with a red box and an arrow), 'Print Untracked Tables', and 'View Error Log'. Below these buttons is a section titled 'Data Change Tracker Setup' with a checkbox 'Enable Data Change Tracker' and a dropdown 'Number of months to retain tracked data changes' set to 12. Underneath this is a section titled 'List of Tracked Groups and Tables' with a note: 'Note: Some tables may be listed more than once'. A table titled 'Data Change Tracker Configuration Report - Tracked Tables Records:269' is displayed, showing the following data:

tableName	enabled	enabledLock	deprecated
AcctAcadStdGroup	true	false	false
AcctAcadStdItem	true	false	false
ActProfLevelGroup	true	false	false
ActProfLevelItem	true	false	false
TeacherScored			
Test			
TestListItem			
TestPublishHistory			
TestScore			
TestTransformFilter			
Attendance	true	false	false
AttendanceCheckInOut	true	false	false
AttendanceCounts	true	false	false
AttendanceExcuse	true	false	false
AttendanceGroupKY	true	false	false
AttendanceUnit	true	false	false
AuditAttendance	true	false	false
AuditAttendanceCheckInOut	true	false	false
AuditGroup	true	true	false
AuditGroupMapping	true	true	false
AuditTable	true	true	false
Batchqueue	true	true	false

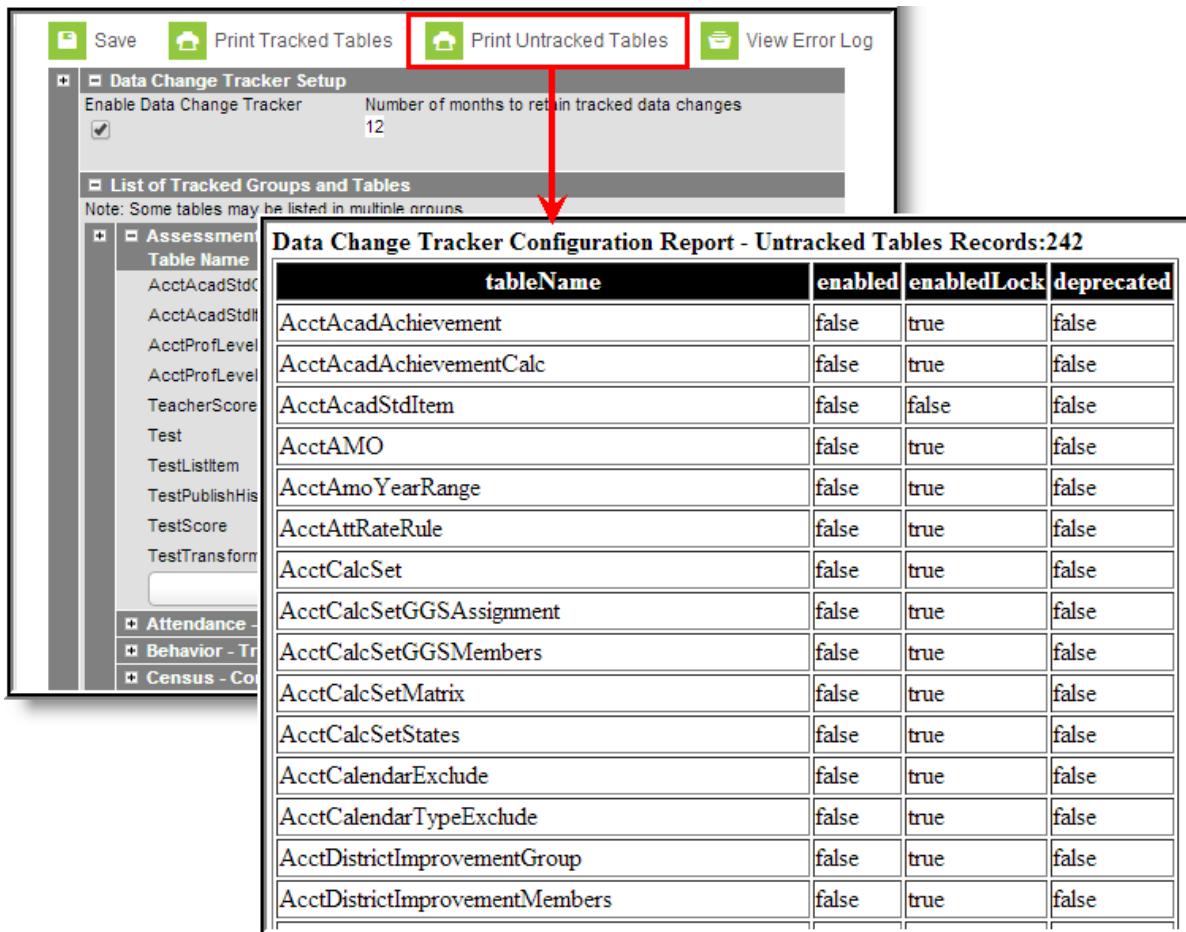
Printing Untracked Tables

To print a list of all tables not being tracked by the Data Change Tracker tool, select the **Print Untracked Tables** icon. The Data Change Tracker Configuration Report - Untracked Tables will

appear in a separate window in HTML format (see Image 10).

This report is useful in reviewing which tables you may want to add and have tracked by the Data Change Tracker tool.

This is not an exhaustive list of every Campus table that is not being tracked. This report only includes common tables plus user-defined tables that are not being tracked.



The screenshot shows a software interface for managing data change tracking. At the top, there are buttons for 'Save', 'Print Tracked Tables', 'Print Untracked Tables' (which is highlighted with a red box and a red arrow pointing to the report table), and 'View Error Log'. The main area is titled 'Data Change Tracker Configuration Report - Untracked Tables Records:242'. It contains a table with the following columns: tableName, enabled, enabledLock, and deprecated. The table lists 242 untracked table records, including various academic and administrative tables like AcctAcadAchievement, AcctAcadAchievementCalc, AcctAcadStdItem, AcctAMO, and AcctDistrictImprovementMembers. Most entries have 'enabled' and 'enabledLock' set to 'true' and 'deprecated' set to 'false'.

tableName	enabled	enabledLock	deprecated
AcctAcadAchievement	false	true	false
AcctAcadAchievementCalc	false	true	false
AcctAcadStdItem	false	false	false
AcctAMO	false	true	false
AcctAmoYearRange	false	true	false
AcctAttRateRule	false	true	false
AcctCalcSet	false	true	false
AcctCalcSetGGSAssignment	false	true	false
AcctCalcSetGGSMembers	false	true	false
AcctCalcSetMatrix	false	true	false
AcctCalcSetStates	false	true	false
AcctCalendarExclude	false	true	false
AcctCalendarTypeExclude	false	true	false
AcctDistrictImprovementGroup	false	true	false
AcctDistrictImprovementMembers	false	true	false

Viewing the Error Log

To view a list of errors that have occurred during the data change tracking process, click the **View Error Log** button. The Data Change Tracker Error Log will appear (see Image 11).

An error log has been provided to help assure administrators that the Data Change Tracker tool is configured correctly and that tracked changed records are successfully being captured and stored in the tracking database. The Error Log is broken into two parts: Recently Logged Errors and All Logged Errors.

To view the error log, click the **View Error Log** button. The Data Change Tracker Error Log will appear (see Image 11).

The screenshot shows the 'Data Change Tracker Setup' page. At the top, there are buttons for 'Save', 'Print Tracked Tables', 'Print Untracked Tables', and 'View Error Log'. The 'View Error Log' button is highlighted with a red box and an arrow. Below this is a section titled 'Data Change Tracker Setup' with a checkbox for 'Enable Data Change Tracker' and a dropdown for 'Number of months to retain tracked data changes' set to 12. A note states 'Some tables may be listed in multiple groups.' Below this is a table titled 'List of Tracked Groups and Tables' with a note 'Note: Some tables may be listed in multiple groups.' The table has columns for 'Object Name', 'Object Type', and 'Error Message'. The table shows two entries: 'Data Change Tracking Table Column new_studentID: missing' and 'Data Change Tracking Table Column old_studentID: missing', both from 'AuditProcess' with 'User Source' empty. Below this is a table titled 'Data Change Tracker All Logged Errors (1000+)' with columns for 'Time Stamp', 'Object Name', 'Object Type', 'Error Message', 'Error Source', and 'User Source'. It lists several entries for 'Calendar' objects with the error message 'Data Change Tracking Trigger CalendarDCTTrigger: exists for a table that is not enabled for tracking' and error source 'DCTConfigurationIntegrityCheck'.

If errors occur, an alert or message will appear within the Process Inbox, directing administrators to the error log (see Image 12). The error log will display details of any issues that have been discovered since the last time a system integrity check was run.

Please share these details when contacting Infinite Campus Support.

An example of a Data Change Tracker inbox message that when selected, will direct you to the Error Log.

The screenshot shows the 'Process' inbox. A red box highlights an alert for 'Data Change Tracker' with the message 'Data Change Tracker is reporting problems.' An arrow points from this box to a table below titled 'An example of a Data Change Tracker alert'. This table has columns for 'Name', 'Posted Date', and 'Due Date'. It lists several alerts, with the first two highlighted with red boxes and arrows pointing to the 'Error Message' column. The first alert is for 'Data Change Tracker' with the message 'An error has occurred during Data Change Tracker processing. Error token: 768714078' and posted on 04/20/2014. The second alert is for 'Data Change Tracker' with the message 'An error has occurred during Data Change Tracker processing. Error token: 2040068384' and posted on 04/18/2014.

The Data Change Tracker Error Log will indicate the time in which the error occurred (TimeStamp), the name of the object that had the error (Object Name), the type of object that had the error (Object Type), the error which occurred (Error Message), the source of the error (Error Source), and the Campus database username (User Source) of who modified data within Campus itself.

Not all errors within the log pertain to data changes. In the example below (Image 13), a misconfiguration of an audit job has generated an error.

Data Change Tracker Recently Logged Errors					
Time Stamp	Object Name	Object Type	Error Message	Error Source	User Source
Data Change Tracker All Logged Errors (1000+)					
11/24/2014 17:15	Person	table	Data Change Tracking Trigger PersonDCTTrigger: exists for a table that is not enabled for tracking	DCTConfigurationIntegrityCheck	
11/24/2014 16:15	Person	table	Data Change Tracking Trigger PersonDCTTrigger: exists for a table that is not enabled for tracking	DCTConfigurationIntegrityCheck	
11/24/2014 15:15	Person	table	Data Change Tracking Trigger PersonDCTTrigger: exists for a table that is not enabled for tracking	DCTConfigurationIntegrityCheck	

Reviewing Excluded Tables

To review a list of tables that are excluded from Data Change Tracker functionality, scroll to the bottom of the tool and expand the Excluded Tables - Tracking NOT AVAILABLE section.

Tracking is available for most tables however, there are some exceptions. Human Resource and Payroll-related tables cannot be enabled for security reasons, tables that are logged cannot be enabled as it would be capturing redundant information and impact performance, and attendance tables cannot be added as attendance information is already captured in the core attendance auditing structure (see the [Attendance Change Tracking Report](#)).

Save	Print Tracked Tables	Print Untracked Tables	View Error Log
System Administration - Misc - Tracking 14 out of 14 tables			
System Administration - Student Portfolio (Transcript) - Tracking 15 out of 15 tables			
System Administration - User Security - Tracking 14 out of 14 tables			
User-defined - Tracking 0 out of 0 tables			
Excluded Tables - Tracking NOT AVAILABLE on 86 tables			
Table Name		Tracked	
AcctAcadAchievement		<input type="checkbox"/>	
AcctAcadAchievementCalc		<input type="checkbox"/>	
AcctAMO		<input type="checkbox"/>	
AcctAmoYearRange		<input type="checkbox"/>	
AcctAttRateRule		<input type="checkbox"/>	
AcctCalcSet		<input type="checkbox"/>	
AcctCalcSetGGSAssignment		<input type="checkbox"/>	
AcctCalcSetGGSMembers		<input type="checkbox"/>	
AcctCalcSetMatrix		<input type="checkbox"/>	
AcctCalcSetStates		<input type="checkbox"/>	
AcctCalendarExclude		<input type="checkbox"/>	
AcctCalendarTypeExclude		<input type="checkbox"/>	
AcctDistrictImprovementGroup		<input type="checkbox"/>	
AcctDistrictImprovementMembers		<input type="checkbox"/>	
AcctDistrictOverride		<input type="checkbox"/>	
AcctDistrictOverrideItem		<input type="checkbox"/>	
AcctFay		<input type="checkbox"/>	
AcctGradeGroup		<input type="checkbox"/>	
AcctGradeGroupMembers		<input type="checkbox"/>	
AcctGradeGroupSet		<input type="checkbox"/>	

