

Common Ad Hoc Filters

04/04/2026 10:55 am EDT

Infinite Campus Multi-Select

This article will assist users with creating an Ad Hoc Report using the Filter Designer to multi-select a group of students using the Student State ID.



See the [Advanced Person Search](https://ncdepartmentofpublicinstruction.knowledgeowl.com/home/advanced-person-search) article for a new multi criteria search option.

[Prepare the Data](#) | [Create the Ad Hoc Filter](#) | [Using the Filter](#)

Prepare Data in Excel

1. Open your data in **Excel** or **Google Sheets**.
2. Enter the following **formula** in a new column.

=CONCAT(A2, ",")

student_studentNumber	student_lastName	student_firstName	student_grade	School ID	School Name	
055460071	lastname1	firstname1	09	15	Harrison High	=CONCAT(A2, ",")

Cell A2 contains the first student number.

3. **Copy** the formula to the other cells referencing the row number in Column A.

Example: **=CONCAT(A3,",")**

	A	B	C	D	E	F	G
1	student_studentNumber	student_lastName	student_firstName	student_grade	School ID	School Name	Formula for Lookup
2	055460071	lastname1	firstname1	09	15	Harrison High	055460071,
3	035460039	lastname2	firstname2	09	15	Harrison High	035460039,
4	191900002	lastname3	firstname3	09	15	Harrison High	191900002,
5	171750001	lastname4	firstname4	09	15	Harrison High	171750001,
6	53000008	lastname5	firstname5	09	15	Harrison High	53000008,
7	035460003	lastname6	firstname6	09	15	Harrison High	035460003,
8	035460040	lastname7	firstname7	09	15	Harrison High	035460040,
9	055460043	lastname8	firstname8	09	15	Harrison High	055460043,
10	126197	lastname9	firstname9	09	15	Harrison High	126197,
11	231900008	lastname10	firstname10	09	15	Harrison High	231900008,
12	231900003	lastname11	firstname11	09	15	Harrison High	231900003,
13	127567	lastname12	firstname12	09	15	Harrison High	127567,

4. **Copy** the cells that have the formula. (i.e. copy cells G2 through G13)



Google Sheets Directions: Tango directions for adding the formula in [Google Sheets](#)

(<https://app.tango.us/app/workflow/Adding-the-formula-for-Multi-Select-f27329d4adc94629be5bd49a32222ee0>)



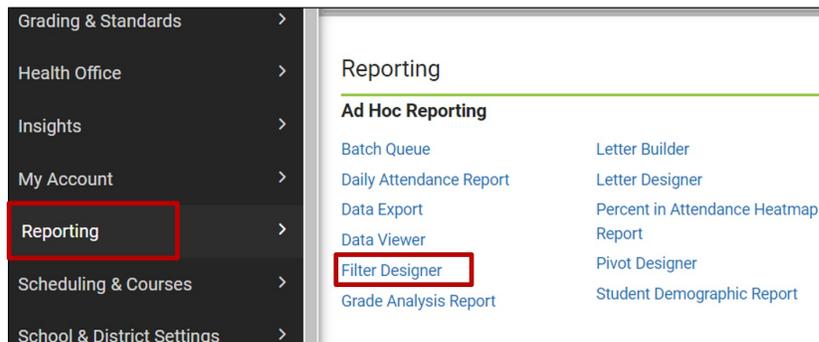
Excel Video Directions: Video directions for adding the formula in [Excel](#)

(https://drive.google.com/file/d/1shmzw8z_JTwDoiHSVXINhlwBabxpQF4y/view?usp=sharing)

Create an Ad Hoc Filter Using the Copied Student Numbers

Navigation: *Menu > Reporting > Ad Hoc Report > Filter Designer*

- Open the **Filter Designer** in Infinite Campus.



- Under the *Create New* section, choose **Query Wizard** for the Filter Type and **Student** for the Data Type
- Click **Create**

Create New

Filter Type

Query Wizard

Selection Editor

Pass-through SQL Query

Data Type

Student

Census/Staff

Course/Section

- **Name** the query and provide a description of the query (if desired)
- Choose the **fields** you want in your final query.
- For active students only, you must add the field **activeToday**

Filter Designer ☆

Ad Hoc Query Wizard - Field Selection

Select fields to use for creating a filter for which logic and output formatting may be applied. Click a field within the All Fields window. To remove a field from the Selected Fields window, select the field(s) and click the back arrow <--. The output will sequence changed on the Output Formatting screen. At least one field must be selected to continue.

[Field Selection](#) > [Filter Parameters](#) > [Output Formatting](#) > [Grouping and Aggregation](#)

*Query Name: ←

Short Description:

Long Description:

Select categories & fields

Filter By: Search Clear

All Fields

- endStatus
- calendarID
- structureID
- schoolID
- districtID
- calendarName
- calendarStart
- calendarEnd
- startYear
- endYear
- label
- activeYear
- activeToday
- teamName
- age
- he_she

Selected Fields

- student.studentNumber
- student.legalLastName
- student.legalFirstName
- student.legalGender
- student.grade
- sch.name
- student.activeToday

- Click **Filter Parameters**

Filter Designer ☆

Ad Hoc Query Wizard - Field Selection

Select fields to use for creating a filter for which logic and output formatting may be applied. Click a field within the Selected Fields window. To remove a field from the Selected Fields window, select the field(s) and click the back arrow <--. The output will sequence changed on the Output Formatting screen. At least one field must be selected to continue.

[Field Selection](#) > [Filter Parameters](#) > [Output Formatting](#) > [Grouping and Aggregation](#)

- Click the to remove all fields except **studentNumber** and **activeToday**
- Set the operator for studentNumber to "IN"
- Set the operator for activeToday to "=TRUE"
- For the value, **paste the ID numbers with the comma** from your spreadsheet.

Filter Designer ☆

Ad Hoc Query Wizard - Filter Parameters

Parameters are used to filter data based on specific logic. Use the operators to apply logic to designated fields. Logic may be operators using AND, OR, and NOT conditions. If a Logical Expression is not used, the condition AND will be applied to all op

Field Selection > Filter Parameters > Output Formatting > Grouping and Aggregation

*Query Name: Multi-Select Example

Short Description: This query lists student information based on a multi-select from a spreadsheet

Long Description:

Filter the data

ID	Field	Operator	Value
1	student: studentNumber	IN	055460071, 035460039, 191900002, 171750001
2	student: activeToday	= TRUE	

Add

Logical Expression (Optional):

If logical expression is left blank, all operators will be applied.
 Allowed symbols: AND OR NOT () IDs
 Example Syntax: (1 AND (2 OR 3)) AND 4 AND (NOT 5 OR 6)

Save To: User Account
 Folder: /

User Groups

Force Order

Save Save & Test Return To List

- Click **Save** or **Save and Test**
 - **Save and Test** will give a view of your output.

Using the Ad Hoc Filter

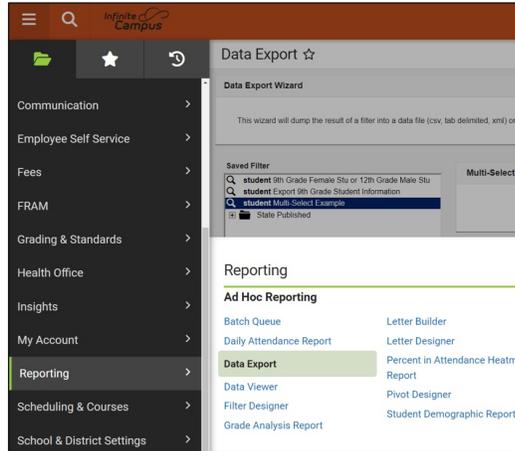
Using the created filter, a student list can be exported to many different formats or used to show the multi-selected students in the student selection menu for quick access. Created Ad Hoc Filters can be used in the Advanced Student search and many reports within Infinite Campus.

Navigation: Menu > Reporting > Ad Hoc Report > Data Export

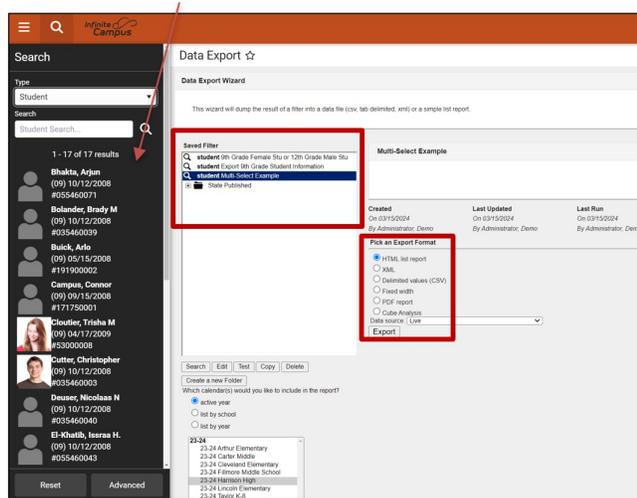


Tango Directions (<https://app.tango.us/app/workflow/Exporting-Student-Data-from-Infinite-Campus-Using-the-Multi-Select-Filter-4d638297ac4d40ce8f2e3f07b84937a3>) **to use the Filter**

1. From the main menu, choose the Data Export from the Ad Hoc Menu



2. A list of all your available filters will display.
3. **Click** on the desired filter and choose the export format.
 - a. Double clicking on a filter will display a list of the multi-selected students in the search menu

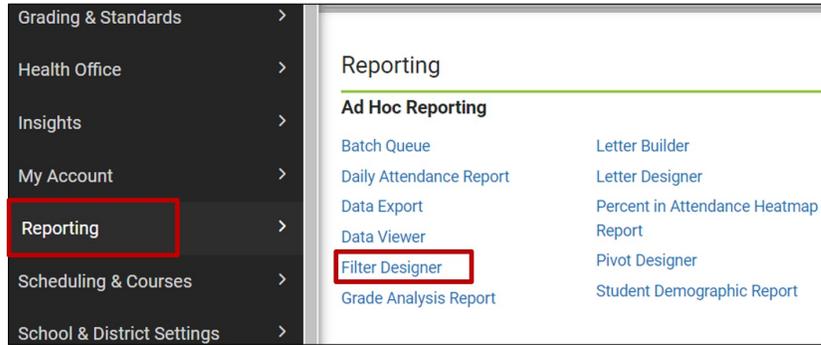


Title VI Affiliation Ad Hoc

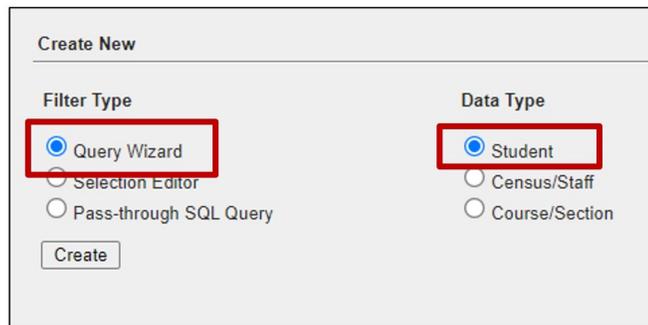
This article will assist users with creating an Ad Hoc Report using the Filter Designer to select students Title VI Affiliation information.

Navigation: Menu > Reporting > Ad Hoc Report > Filter Designer

- Open the **Filter Designer** in Infinite Campus.



- Under the *Create New* section, choose **Query Wizard** for the Filter Type and **Student** for the Data Type.
- Click **Create**



- Add "**Title VI Affiliation**" in the Query Name field.
- Provide a description of the query to help users identify the information included in the query.
- Choose the **fields** listed below. More fields can be added as needed for local PSU information.

Pathway	Field
Student > Demographics	StateID
Student > Demographics	legalFirstName
Student > Demographics	legalLastName
Student > Demographics	grade
Student > Demographics	raceEthnicity
Student > Demographics	hispanicEthnicity
Student > Demographics	raceEthnicityFed
Student > Demographics	activeToday
Student > School	number

Pathway	Field
Student > School	name
Student > Demographics	tribalEnrollment
Student > Learner > Title VI	tribalAffiliation
Student > Learner > Title VI	indianIDNumber
Student > Learner > Title VI	title6ID
Student > Learner > Title VI	title6startDate

*Query Name:

Short Description:

Long Description:

Select categories & fields

Filter By

All Fields

- State Programs
 - FERPA
 - Migrant
 - Title 1
 - Title VI
 - title6ID
 - personID
 - districtID
 - indianIDNumber
 - form506CompletionDate
 - modifiedByID
 - modifiedDate
 - startDate
 - endDate
 - comments
 - title6GUID
 - createdDate
 - tribalAffiliation

Selected Fields

- student.stateID
- student.legalFirstName
- student.legalLastName
- student.grade
- student.raceEthnicity
- student.hispanicEthnicity
- student.raceEthnicityFed
- student.activeToday
- sch.number
- sch.name
- student.tribalEnrollment
- title6.indianIDNumber
- title6.title6ID
- title6.startDate
- title6.tribalAffiliation

Add other fields as needed.

- Click **Next** to navigate to **Filter Parameters**.
- Optional: Click the to remove all fields except **title6.StartDate**.
- Set the title6.startDate operator to **IS NOT NULL**.

Filter the data

ID	*Field	Operator	Value
1	title6.startDate	IS NOT NULL	

- Click **Save** or **Save and Test**
 - *Save and Test* will give a view of your output to confirm the output includes data as expected.
- Click **Next** to navigate to **Output Formatting**.
- Uncheck the following fields from the output
 - **student.activeToday**
 - **title6.title5ID**

Field	Output
student.stateID	<input checked="" type="checkbox"/>
student.legalFirstName	<input checked="" type="checkbox"/>
student.legalLastName	<input checked="" type="checkbox"/>
student.grade	<input checked="" type="checkbox"/>
student.raceEthnicity	<input checked="" type="checkbox"/>
student.hispanicEthnicity	<input checked="" type="checkbox"/>
student.raceEthnicityFed	<input checked="" type="checkbox"/>
student.activeToday	<input type="checkbox"/>
sch.number	<input checked="" type="checkbox"/>
sch.name	<input checked="" type="checkbox"/>
student.tribalEnrollment	<input checked="" type="checkbox"/>
title6.indianIDNumber	<input checked="" type="checkbox"/>
title6.title6ID	<input type="checkbox"/>
title6.startDate	<input checked="" type="checkbox"/>
title6.tribalAffiliation	<input checked="" type="checkbox"/>

Check or uncheck fields as necessary.

- Enter a **Sequence** order for the columns to appear for the output.
- Add **Column Headers** as needed.

Field	OutputSeq	Sort	Direction	Column Header	Alignment	Formatting	Length
student.stateID	<input checked="" type="checkbox"/>	3		State ID			
student.legalFirstName	<input checked="" type="checkbox"/>	4		First Name			
student.legalLastName	<input checked="" type="checkbox"/>	5		Last Name			
student.grade	<input checked="" type="checkbox"/>	6		Grade			
student.raceEthnicity	<input checked="" type="checkbox"/>	7		Race			
student.hispanicEthnicity	<input checked="" type="checkbox"/>	8		Ethnicity			
student.raceEthnicityFed	<input checked="" type="checkbox"/>	9		Fed Ethnicity			
student.activeToday	<input type="checkbox"/>						
sch.number	<input checked="" type="checkbox"/>	2		School Number			
sch.name	<input checked="" type="checkbox"/>	1		School Name			
student.tribalEnrollment	<input checked="" type="checkbox"/>	11		Tribal Enrollment			
title6.indianIDNumber	<input checked="" type="checkbox"/>	10		Tribal ID Number			
title6.title6ID	<input type="checkbox"/>						
title6.startDate	<input checked="" type="checkbox"/>	13		Tribal Program Start D			
title6.tribalAffiliation	<input checked="" type="checkbox"/>	12		Tribal Affiliation			

Add Sequence and Column Headers as needed.

By default, Ad Hoc filters are saved to User Accounts. Once the Ad Hoc is created, save a copy to User Groups that may need access to the filter.

Save To: User Account

User Groups

- All Calendars ▲
- Athletic Ad Hoc
- Athletic Director

Additional Filter Options

Copy the above ad hoc filter and adjust the filter options to review other information.

Example 1: Filter for Students with Tribal Enrollment field values but no Title VI program.

Adjust the filter to **student.tribalEnrollment IS NOT NULL** and **title6.startDate IS NULL**.

✕	11	student.tribalEnrollment	IS NOT NULL
✕	12	title6.tribalAffiliation	
✕	13	title6.indianIDNumber	
✕	14	title6.title6ID	
✕	15	title6.startDate	IS NULL

Example 2: Filter for Active Students with a Title VI program.

Adjust the filter to **student.activeToday = TRUE** and **title6.startDate IS NOT NULL**.

X	8	student.activeToday	=	TRUE
X	9	sch.number		
X	10	sch.name		
X	11	student.tribalEnrollment		
X	12	title6.tribalAffiliation		
X	13	title6.indianIDNumber		
X	14	title6.title6ID		
X	15	title6.startDate	IS NOT NULL	



Use the Tango below for step by step instructions on creating the Title VI ad hoc.