

Filter Designer

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Tool Search: Filter Designer

The Filter Designer provides a tool for the end user to select certain fields located throughout the product and place them in one central report. It allows users to build reports three different ways:

- The [Query Wizard](#) allows users to create a filter by selecting specific data fields from within the product.
- The [Selection Editor](#) allows users to manually select a group of students for whom a report can be run. This editor is for creating student filters only.
- A [Pass-Through SQL Query](#) allows users with basic SQL and Campus schema knowledge to build their own queries on student information.

Filter Designer ☆

Reporting > Ad Hoc Reporting > Filter Designer

Ad Hoc Filter Designer

This wizard will walk you through the creation of a new filter. Filters can be created using the Query wizard, selection editor or a pass-through SQL Query. Ad Hoc Filters can be used as a search, or as input to a report.

Saved Filter

- Course Planner
- staff planner
- student 21cclc1
- student 21cclc2
- student Abb, Jos contact log
- student award
- student email
- student Erik Test Frys Elementary 22-23
- student IEP School fields
- student jw test 2
- student Lesley SIS-167116
- student LUKE - Arizona Filter - Two Students
- student seal
- student SIS-16745Lesley
- curriculum sme 21course
- student sme 21st CCLC
- student Stout 15
- student student_AIMStests
- student Test Filter
- student test4

Create New

Filter Type	Data Type
<input checked="" type="radio"/> Query Wizard	<input type="radio"/> Student
<input type="radio"/> Selection Editor	<input type="radio"/> Census/Staff
<input type="radio"/> Pass-through SQL Query	<input type="radio"/> Course/Section

Buttons: Create, Search, Edit, Test, Copy, Delete, Export, Create a new Folder

Current engine version: 2.0

Users can create filters and then link those filters to [Data Viewer](#) Reports, if desired.

Filters are a selection of data (student, census/staff, courses/section) used to generate other custom reports, report cards, mailing labels, etc. Reported schools and calendars are dependent upon the School and Calendar values selected in the Campus toolbar. A School value of *All Schools* means data is reported for the entire district.

Filters that have been created previously and saved will appear in the Saved Filters box on the left-hand side of the screen. Icons are shown for the different filters created. When selected, users can choose to **Search, Edit, Test, Copy, Delete, or Export** the filter (see image below). See the [Manage Filters](#) article for more information about these options.

Saved Filter

- person Number of Staff Members**
- student *grades
- student *RH
- student 115077
- student 159741
- student abba
- student abboud
- student abboud,dylan
- person admin
- person Dustin-TEST STAFF
- student Fixed Neil test
- person last name = Hansen
- student Last name start a
- student LG test
- student Neil test
- student Nicks
- student oms a
- person oms Counselors
- person oms ja, a

Number of Staff Members

Last Updated 09/12/2018
Last Run 09/12/2018
Last Run By Tester, Charlie

Create New

Filter Type	Data Type
<input type="radio"/> Query Wizard	<input type="radio"/> Student
<input type="radio"/> Selection Editor	<input type="radio"/> Census/Staff
<input type="radio"/> Pass-through SQL Query	<input type="radio"/> Course/Section

Create

[Search](#) [Edit](#) [Test](#) [Copy](#) [Delete](#) [Export](#)

[Create a new Folder](#)

Saved Filters and Tool Options

Selecting an existing filter will also display the last time it was updated, the last time a test of the filter was run, and who ran the last test of the filter (see image below).

If the timestamp or user is unknown, a value of Unknown is reported.

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- student *RH
- student 115077
- student 159741
- student abba
- student abboud
- student abboud,dylan
- person admin
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Filter Type	Data Type
<input type="radio"/> Query Wizard	<input type="radio"/> Student
<input type="radio"/> Selection Editor	<input type="radio"/> Census/Staff
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Create

[Search](#) [Edit](#) [Test](#) [Copy](#) [Delete](#) [Export](#)

[Create a new Folder](#)

Filter Tracking Information

Several state reporting extracts can be generated using the Filter Designer, and reports can be made available to certain user groups to access these reports.

Field Logic

The following logic is used when reporting NULL or field values of 0 within Ad hoc filters:

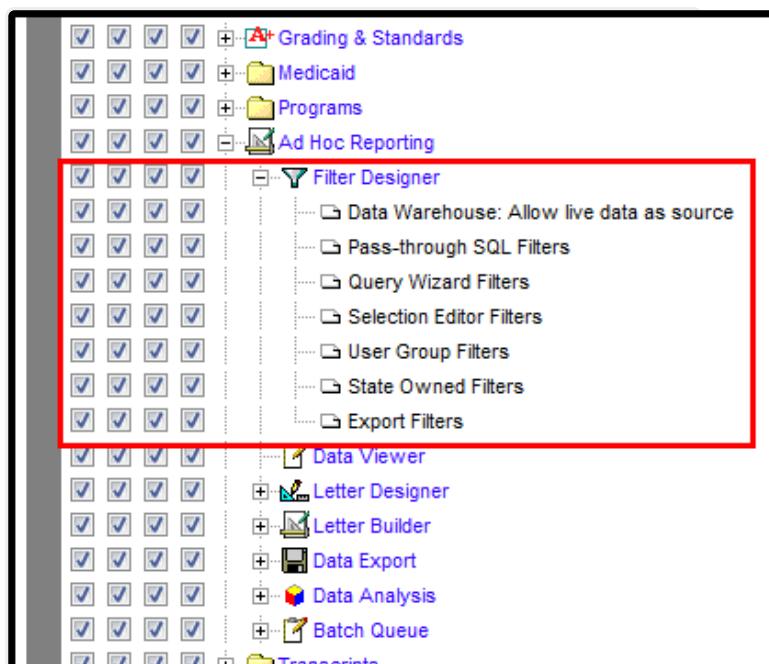
- Float fields = NULL will output as blank unless a default value exists within the Attribute/Dictionary.
- Float fields = 0 will output as a value of 0.
- Number fields = NULL will output as blank unless a default value exists within the Attribute/Dictionary.
- Number fields = 0 will output as 0.

BIE SPECIFIC LOGIC:

- If an EnrollmentBIE field has a default value, a NULL field will report the default value when filtering data or exported via the [Data Export](#) tool.
 - This logic applies to all fields within the EnrollmentBIE table with the exception of foreign keys and End Year.

Tool Rights

Users will need to following Tool Rights to access Filter Designer tools:



Filter Designer Tool Rights

In addition to these rights, the user may need **R** rights assigned to the following areas to allow full access to reporting on Student, Census/Staff or Course/Section filter data types:

- *Student Information > General > Summary > GUID*
- *Student Information > General > Summary > State ID*
- *Census > People > Demographics > GUID*
- *Census > People > Demographics > State ID*
- *SSN Rights*
- *Scheduling > Courses > Sections > Section*
- *Scheduling > Courses > Course*

For information concerning Ad hoc Reporting where the Data Warehouse is enabled, see the [Data Warehouse Settings](#) article.