Pivot Designer

Last Modified on 02/17/2026 12:07 pm CST

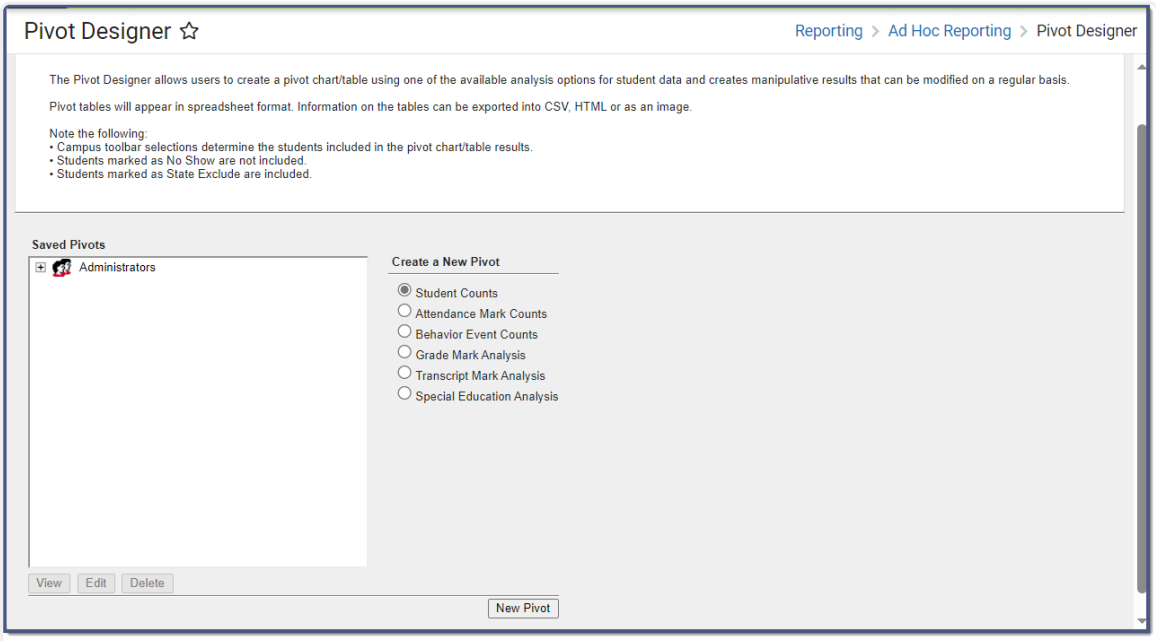
Tool Search: Pivot Designer

The Pivot Designer tool allows users to analyze, interpret, and visually present crossed-referenced data in easy-to-understand charts and graphs. For example, a list of students with a specific race/ethnicity can be selected and cross-referenced with their attendance records, behavior incidents, and semester grades. This data can then be displayed in a chart, facilitating comparison and analysis.

This tool uses pivot table functionality. A pivot table is a data summation tool often found in spreadsheets and other business intelligence software. Pivot table tools can sort, count, and total the data stored in a table or spreadsheet, and then display the data in a new table or chart.

This tool is designed for Administrators and select power users. Users working within or viewing a Pivot Designer report can see data for tools for which they may not have tool rights to access (except FRAM). Calendar rights are respected, as pivots will not display data from calendars for which a user lacks access. Users must have at least modify rights to a calendar in order to create a new pivot.

We recommend saving pivots to specific User Groups or as an Outline Link to control user access.



Pivot Designer Tool

See the Pivot Designer Tool Rights article for information about rights needed to use this tool.

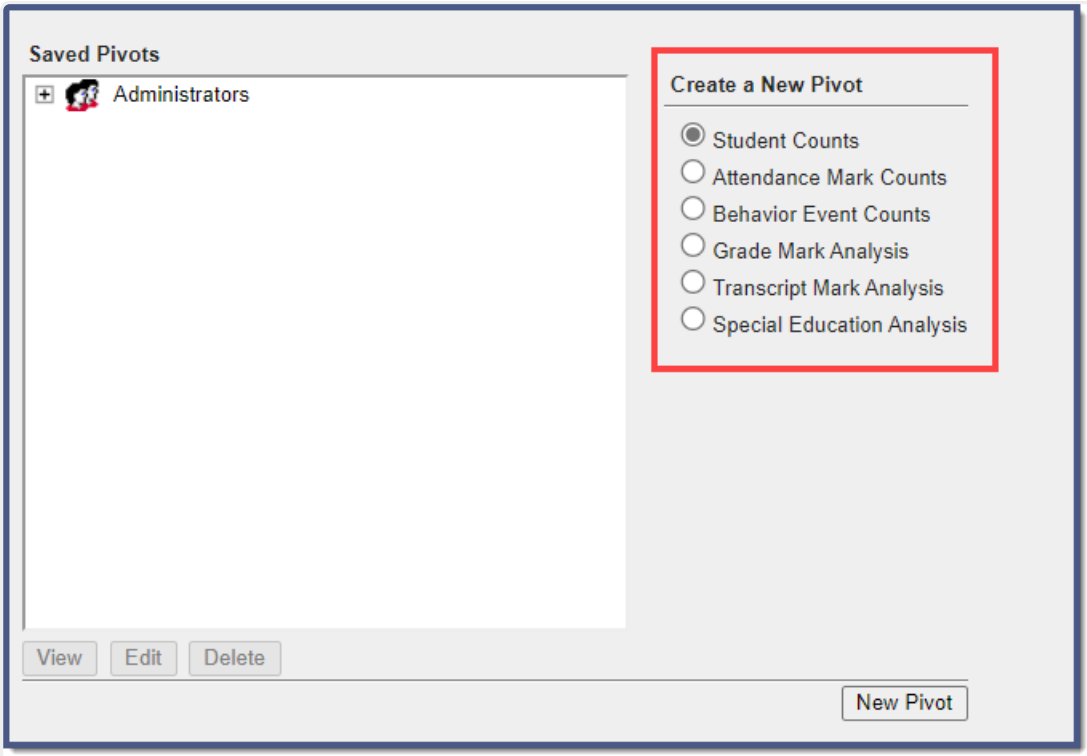
For more information about Tool Rights and how they function, see the Tool Rights article.

Create a New Pivot

The following sections will walk you through the process of creating a new pivot:

- Step 1. Select a Pivot Type
- Step 2. Determine Pivot Information, Dimensions, Measures, and Filters

Step 1. Select a Pivot Type



Pivot Types

Pivot Type Descriptions

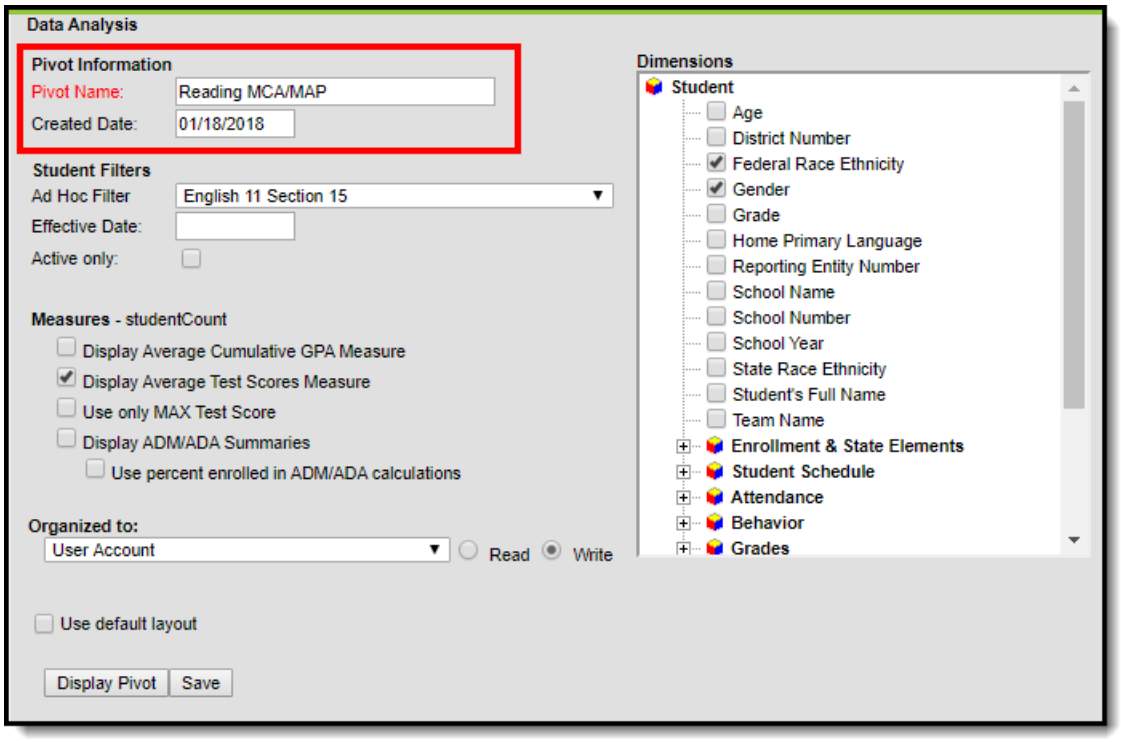
Pivot Type	Generated data is based on:
Student Counts	Total number of students enrolled • No-show students are not included. • Students marked as State Exclude are included. • Count of Students is the default Measure on the field list.

Pivot Type	Generated data is based on:
Attendance Mark Counts	Students' attendance records • Students must be on the roster to report. • Students must have at least one attendance event. • Each attendance event counts as one. • No-show students are not included. • Students marked as State Exclude are included. • Sum of Period Absences is the default Measure on the field list.
Behavior Event Counts	Students' behavior records • Each behavior event is counted as 1. • No-show students are included. • Students marked as State Exclude are included. • Count of Behavior Events is the default Measure on the field list.
Grade Mark Counts	Total Number of Students Enrolled + GPA + Credits Earned • GPA is based on the student's Grades tab. • Credits Earned is based on the student's Transcript tab. • Each credit earned counts as 1. • No-show students are included. • Students marked as State Exclude are included. • Count of Grades, Sum of Credits Earned, and Weighted Term GPA are the default Measures on the field list.
Transcript Mark Counts	Students' transcripts • Only students who have transcript credits on the Transcript tab are included. • Each posted transcript credit on a student's Transcript tab counts as one. • No-show students are included. • Students marked as State Exclude are included. • Count of Transcript Records, Sum of Credits Earned, and Transcript GPA are the default Measures on the field list.
Special Education Analysis	Students with a special education record. • Students must have a locked IEP in order to report. • No-show students are included. • Students marked as State Exclude are included. • Count of Special Education students is the default Measure on the field list.

Step 2. Determine Pivot Information, Dimensions, Measures, and Filters

Once a pivot type is selected, you must determine the pivot information, any filters or measures to apply, and the dimensions to be used for reporting.

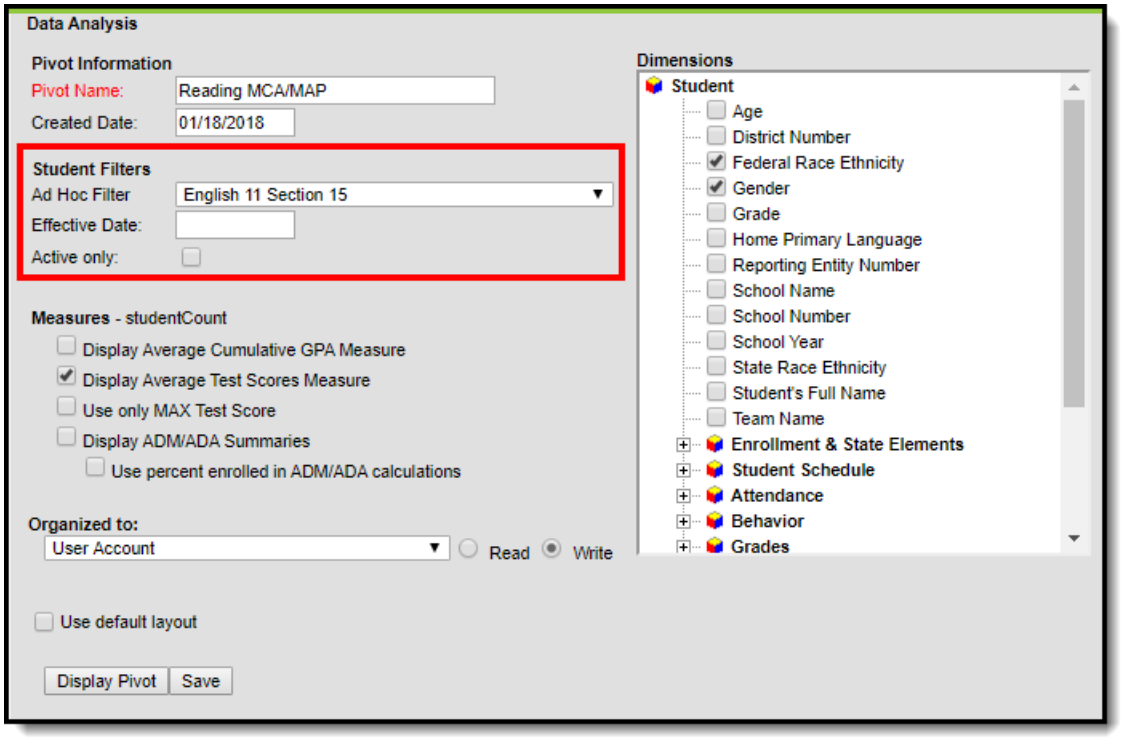
Pivot Information



Pivot Information fields are used for identification purposes, so you can more easily locate and reuse this pivot in the future.

- A **Pivot Name** is required for all pivots (unless the pivot will be used immediately and not saved).
- The **Created Date** indicates when the pivot was first created.

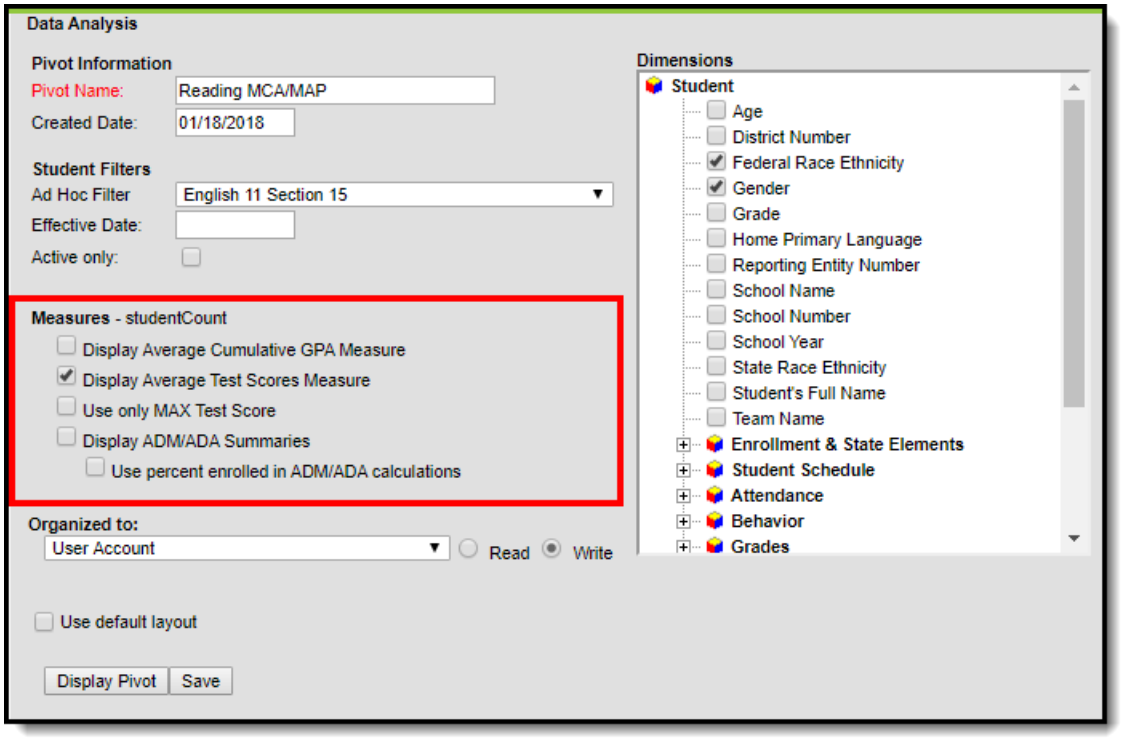
Student Filters



Users can select an **Ad hoc Filter** that contains specific students who will make up the population reported in the pivot. If an **Effective Date** is entered, only students who are actively enrolled as of this date are included in the pivot. Selecting the **Active Only** checkbox forces the pivot to return only students enrolled on the current date (today).

The **Pivot Designer** does not recognize filter operators applied in the Filter Designer for the Ad Hoc. It only sees a list of personIDs generated by the Ad Hoc filter and pulls data from the pivot dimensions and measures.

Measures



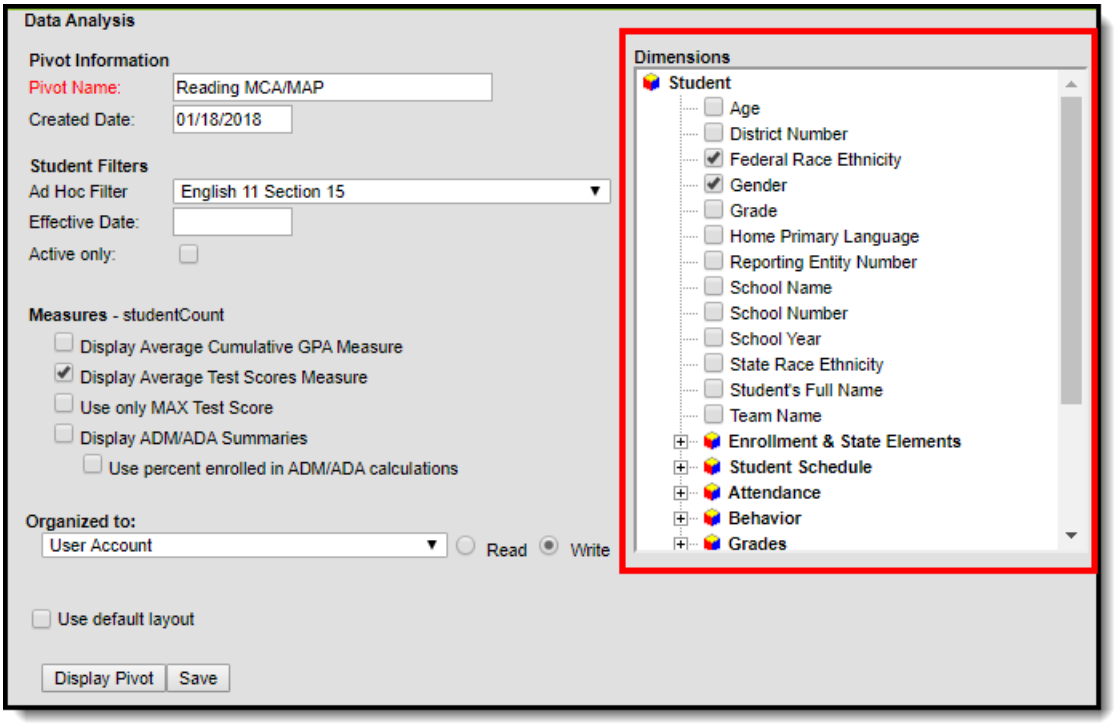
Select the desired measures for the pivot table. These options vary based on the type of pivot selected.

Measure Descriptions

Measure	Description	Pivot Type
Display Average Cumulative GPA Measure	The pivot displays the Average Cumulative GPA for all reported students. If selected, the view v_CumGPA is used to generate results.	• Student Counts • Attendance Mark Counts • Behavior Event Counts • Grade Mark Analysis • Transcript Mark Analysis • Special Education Analysis
Display Average Test Scores Measure	The pivot will display students' average test scores.	• Student Counts • Attendance Mark Counts • Behavior Counts • Grade Mark Analysis • Transcript Mark Analysis • Special Education Analysis

Measure	Description	Pivot Type
Use only MAX Test Score	The pivot will display the students' highest test scores.	• Student Counts • Attendance Mark Counts • Behavior Event Counts • Grade Mark Analysis • Transcript Mark Analysis • Special Education Analysis
Display ADM/ADA Summaries	The pivot will display students' Average Daily Membership (ADM) and Average Daily Attendance (ADA).	• Student Counts
Use percent enrolled in ADM/ADA calculations	This field determines which views are used for calculating ADM/ADA and whether or not Percent Enrolled is taken into account. If Percent Enrolled is selected, the following views are used: • v_MembershipAttendance EnrollmentDetailPercent • v_MembershipAttendance DetailPercent If Percent Enrolled is not selected, the following views are used: • v_MembershipAttendance EnrollmentDetail • v_MembershipAttendanceDetail	• Student Counts

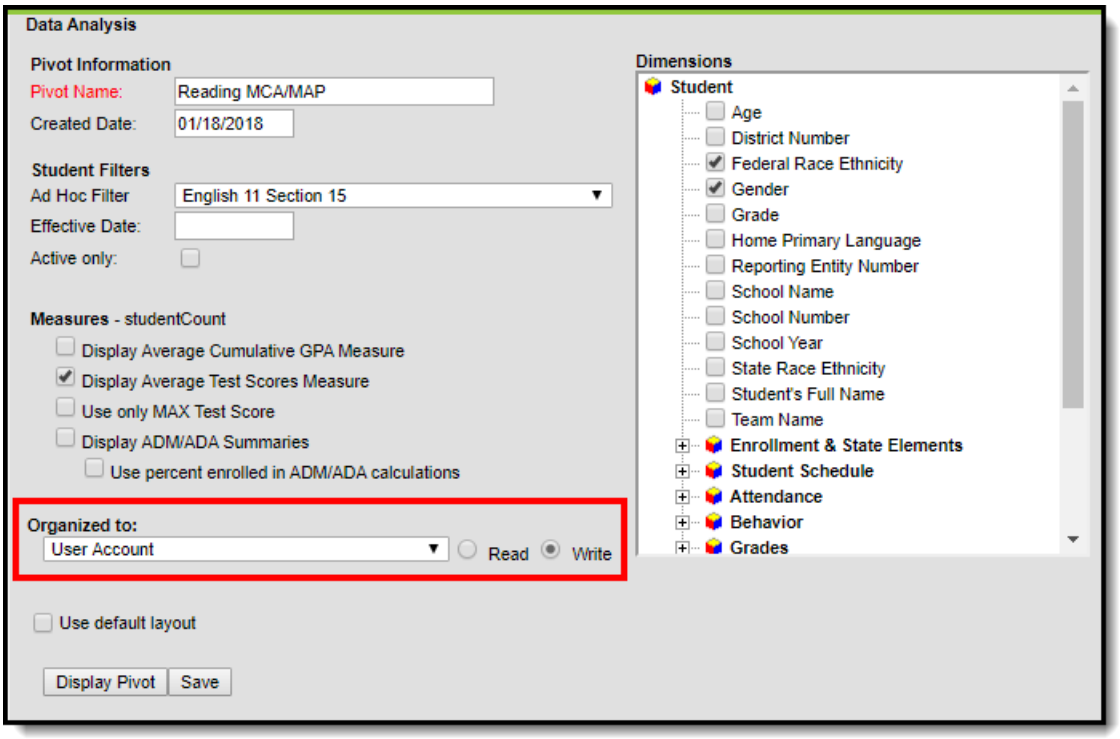
Dimensions



Dimensions allow users to specify which data elements are pulled into the pivot table. These data elements are fields found throughout Campus. You must select at least two data elements in order to generate a pivot table. Select data elements by marking the checkbox next to the desired field.

For detailed information about each dimension and data element, see the Understanding Dimensions section below.

Organized to



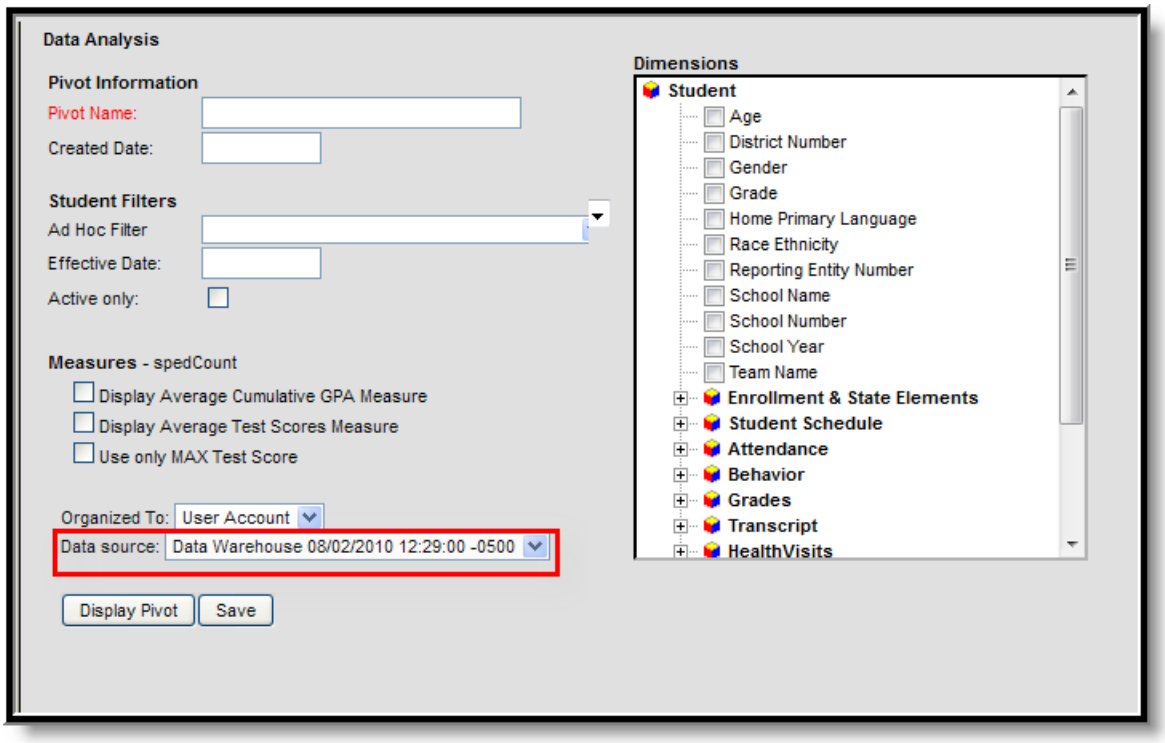
This field indicates which user groups are allowed access to the pivot from the Saved Pivots list.

This tool is designed for Administrators and select power users. Users working within or viewing a Pivot Designer report can see data for tools for which they may not have tool rights to access (except FRAM). Calendar rights are respected, as pivots will not display data tied to calendars for which a user lacks access rights.

We recommend saving pivots to specific User Groups or as an Outline Link to control user access.

Marking the **Read** checkbox means users in this user group can only generate and view the pivot. Marking the **Write** checkbox means users in this user group can edit and view the pivot.

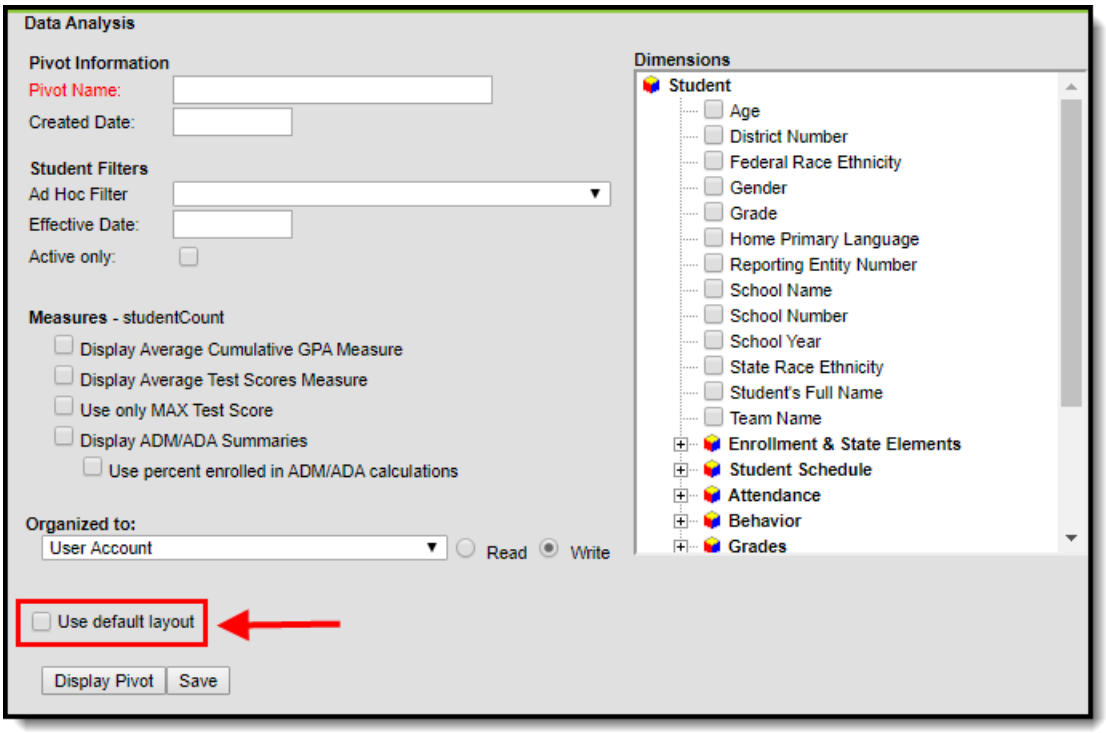
Data Source



The Data Source determines which database is used when pulling pivot information.

This option is only available to customers who have Data Warehouse Settings properly configured.

Use Default Layout



Marking this checkbox will display the pivot in the default format, ignoring any saved modifications made in the Pivot Designer tool.

Understanding Dimensions

Dimensions allow users to specify which data elements are pulled into the pivot table. These data elements are fields found throughout Campus. You must select at least two data elements in order to generate a pivot table.

- If **All Years** and **All Schools** are selected in the Campus toolbar, the **School Name** and **School Year** elements must be selected in order for the pivot to display correct data.
- Only dimensions available to all districts are listed. State-specific or Reporting Entity-specific fields are not included.
- Student enrollment pivots within the Pivot Designer tool will report data from historical LEP fields and not from new LEP fields.

Data Analysis uses database views to more efficiently pull data into pivots.

The following section describes all available dimensions within Pivot Designer and the mapping and definition of each data element within each dimension.

Dimension Mapping and Definitions

Student

View: cube_student

Click here to expand...

Element	Mapping and Definition
Age	*Census > People > Demographics* This option displays the selected students' ages, based on the entered birth date.
District Number	*District Information > Number* This is the state-assigned district number of the student's enrollment record.
Federal Race Ethnicity	*Census > People > Demographics* There are six standard categories of race/ethnicity: American Indian/Alaskan Native, Asian/Pacific Islander, Hispanic, Black (Not Hispanic), and White (Not Hispanic).
Gender	*Census > People > Demographics* This element is listed as either Male (M) or Female (F). In some states, a third gender option: Non-Binary (X) is available.
Grade	*Student Information > General > Enrollments; Census > People > Enrollments* This is the student's grade level of enrollment. This grade level is generated from the student's enrollment record for the selected school year.
Home Primary Language	*Census > People > Demographics > Home Primary Language* Reports the selected language most often used in the student's home.
Reporting Entity Number	*School Information > School* This is the district- or state-assigned school number of the student's enrollment information.
School Name	*Student Information > General > Enrollments* (limited to the school currently selected in Campus Toolbar unless All Schools is selected) This is the name of the school where the student is enrolled.
School Number	*School Information > School > Number* This is the district- or state-assigned school number of the student's enrollment information.

Element	Mapping and Definition
School Year	*Student Information > General > Enrollments* *(*limited to the year currently selected in Campus Toolbar unless All Years is selected) This is the year of enrollment. This information comes from the calendar and the student's enrollment record.
State Race Ethnicity	*Census > People > Demographics* For states that use designations different from the Federal Race Ethnicity requirements, this option is available.
Team Name	*Student Information > General > Schedule > Walk-in Scheduler* This is the team a student is assigned to for scheduling purposes. If the student is assigned to a team, the team name will display in a dropdown list of the Walk-in Scheduler.

Enrollment and State Elements

View: cube_enrollment

Click here to expand...

Student Information > General > Enrollments
These elements are displayed in the General Enrollment and State Reporting Enrollment editors and are used in several reports throughout Campus and in state reporting extracts. Many elements are renamed to aid in state reporting. For example, the field 'language' may be renamed 'Language Background'. Meal Status information is now reported from the Eligibility tool found in the Food Service view.

Available dimensions vary by state.

Student Schedule

View: cube_roster

Click here to expand...

Element	Mapping and Definition
Course/Section	*Scheduling > Courses; Scheduling > Courses > Sections* This option lists the course name and number, as well as the section number and period meeting time.

Element	Mapping and Definition
Department	*Scheduling > Courses* The department is a sorting feature that can be assigned to the course. When used in the pivot, the department name will appear and can be used to sort departments by course.
Secondary Teacher Name	*Scheduling > Courses > Sections* Name of an additional teacher assigned to the course section.
Section Period Name	*Scheduling > Courses > Sections* The section period name lists the period in which the section meets.
Section Term Name	*Scheduling > Courses > Sections* The section term name lists the term in which the section meets.
Teacher Name	*Scheduling > Courses > Sections* Name of the teacher assigned to teach the course section.
Teacher's Education Level	*Census > People > District Employment* The code associated with a teacher's education level (*e.g.,* 5 for a Bachelor's degree, 2 for a Doctorate degree).
Teacher's Gender	*Census > People* The gender of the teacher.
Teacher's Race/Ethnicity	*Census > People* The code for the teacher's race/ethnicity.
Teacher's Seniority	*Census > People > District Employment* The code associated with the teacher's seniority level (*e.g.*, T for tenure, 1 for 1st year).

Attendance

View: cube_attendance

▸ Click here to expand...

When a new pivot is built, if Student Counts is selected, SQL creates an INNER JOIN between two views. This means student counts will reflect only students with attendance records.

Element	Mapping and Definition
Attendance Course/Section	*Student Information > General > Attendance; Scheduling > Courses > Section* The attendance course/section lists the course numbers, names, and sections associated with attendance events. If attendance entries were recorded for 0012 English Sections 1 and 3, the pivot can display 0012 English with attendance events broken down by Sections 1 and 3, and the total number of attendance events across all sections of the course.

Element	Mapping and Definition
Attendance Period Name	*Student Information > General > Attendance* *System Administration > Calendar > Calendar > Periods* The attendance period name lists the periods, as labeled in the school calendar.
Attendance Teacher Name	*Student Information > General > Attendance; Scheduling > Courses > Section* This field lists the teacher's Display Name who recorded the attendance. Most often, this will be the section's teacher.
Attendance Term Name	*Student Information > General > Attendance; System Administration > Calendar > Calendar > Terms* The attendance term name lists the name of the terms, as labeled in the school calendar.
Course Department	*Student Information > General > Attendance; Scheduling > Courses* The department is a sorting feature that can be assigned to the course. When this is used in Data Analysis, the department name will appear and can be used to sort departments by course.
Excuse Reason	*Student Information > General > Attendance; System Administration > Attendance > Attendance Codes* The reason attached to an attendance event (*e.g.,* illness, denied busing, parent excuse). These codes are created in the System Administration area.
Excuse Type	*Student Information > General > Attendance; Attendance Office > Attendance Codes* The excuse attached to the attendance status *(e.g.,* excused, unknown).
Status	*Student Information > General > Attendance;Attendance Office > Attendance Codes* This is an attendance status (*e.g.,* tardy, early release).

Behavior

View: cube_behavior

Click here to expand...

Element	Mapping and Definition
Alignment	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Alignment* Alignment refers to whether the student requires discipline or reward as a result of his/her involvement in the event.
Context	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Context* Context refers to the relative time (opposed to specific time) of the behavior incident.
drugCode	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Events and Participants > Event Details > Drug* Used in state reporting. The reported code refers to the drugs associated with the behavior event.
Event	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Event Type* *Behavior > Admin > Event Types* Behavior event types are configured in the System Administration module and used when recording student behavior incidents.
Event Code	*Student Information > General > Behavior (tab) > Behavior > Event Type Code* *Behavior Admin > Event Types > Behavior Event Type Detail > Code* Event codes are used in state reporting for certain states. If a code is created in System Administration, the pivot will display with that code for student behavior events.
Event Code BIE	*Student Information > General > Behavior (tab) > Behavior > BIE Event Type Code* *Behavior Admin > Event Types > Behavior Event Type Detail > Code* BIE Event codes are BIE-specific. If a code is created in System Administration, the pivot will display with that code for student behavior events.

Element	Mapping and Definition
Injury	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Injury* This field reports the injury inflicted upon the participant of the behavior event.
Location	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Location* Location refers to the place where the incident occurred while the behavior event was taking place.
Location Code BIE	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > BIE Location* The BIE-specific location of the place at which the incident was taking place while the behavior event occurred.
medicalServiceProvided	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Medical Service Provided* Indicates whether medical service was provided to a participant of the behavior event.
Referring Staff	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Submitted By* This field reports the name of the school employee who recorded the behavior event.
Regional Event Code	*Behavior > Admin > Event Types > Behavior Event Type Detail > School Code* This is the district's code for the event, which may differ from the state code.
Regional Res Code	*Behavior > Admin > Resolution Types > Behavior Resolution Type Detail > School Code* This is the district's code for the resolution, which may differ from the state code.
Resolution	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Events and Participants > Resolution Type Behavior > Admin > Resolution Types* For each behavior event, a resolution can also be entered. The list of resolutions is set up in the System Administration module. In Data Analysis, the resolution will be listed as the type of resolution assigned to a student's behavior event.

Element	Mapping and Definition
Resolution Code	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Events and Participants > Resolution* *Behavior > Admin > Resolution Types > Behavior Resolution Type Detail > Code* Resolution codes are used in state reporting for certain states. The resolution code is created in System Administration. If this code is used, information in the pivot will display with that code for student behavior resolutions.
Resolution Code BIE	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Events and Participants > BIE Resolution* *Behavior > Admin > Resolution Types > Behavior Resolution Type Detail > Code* BIE resolution codes are BIE-specific. The resolution code is created in System Administration. If this code is used, information in the pivot will display with that code for student behavior resolutions.
Role	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Events and Participants > Role* A student's behavior role is assigned to a behavior event and lists the student's participation in that event (*e.g.,* Offender, Participant, Victim).
Role BIE	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Events and Participants > BIE Role* A student's BIE-specific behavior role is assigned to a behavior event and lists the student's participation in that event (*e.g.,* Offender, Participant, Victim).
stateEventCode	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Events and Participants > State Code* *Behavior > Admin > Event Types > State Event Code (Mapping)* This field is used in state reporting. The state event code mapped to the event type.
stateResCode	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Events and Participants > Resolution* *Behavior > Admin > Resolution Types > State Event Code (Mapping)* This field is used in state reporting. The state event code mapped to the event type.

Element	Mapping and Definition
Weapon Code	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Events and Participants > Event Details > Weapon* This field is used in state reporting. On the pivot, this code is associated with a weapon used in a behavior event.
Weapon Code BIE	*Student Information > General > Behavior (tab) > Behavior > Incident Detail > Events and Participants > Event Details > BIE Weapon* This field is used in state reporting. On the pivot, this BIE-specific code is associated with a weapon used in a behavior event.

Grades

View: cube_grades

▸ Click here to expand...

Element	Mapping and Definition
Grade Course/Section	*Student Information > General > Grades* *Scheduling > Courses* This option lists the course name for the section to which the student is scheduled.
Grade Credit Group	*Student Information > General > Grades* *Scheduling > Courses > Grading Tasks* *Grading & Standards > Credit Groups* A credit group is a category of credits a student earns for completing grading tasks or achieving a certain score level.
Grade Credit Type	*Student Information > General > Grades* *Scheduling > Courses > Grading Tasks* *Grading & Standards > Credit Groups* Credit types are the categories in a Credit Group (*e.g.,* English, History).
Grade Period Name	*Student Information > General > Grades* *Scheduling & Courses > Calendar Setup > Period Setup* The grade period name lists the period name, as labeled in the school calendar.

Element	Mapping and Definition
Grade Score	*Student Information > General > Grades* *Grading & Standards > Score Groups & Rubrics* This is the letter grade or percentage grade a student has earned for a grading task.
Grade Term Name	*Student Information > General > Grades* *Scheduling & Courses > Calendar Setup > Term Setup* The grade term name lists the terms, as labeled in the school calendar.
Task Name	*Student Information > General > Grades* *Scheduling > Courses > Grading Tasks* This is the name of the task that is being graded.
Teacher	*Student Information > General > Grades* *Scheduling & Courses > Courses > Section Information* The teacher field lists the Display Name of the teacher selected to teach that section.

Transcript

View: cube_transcript

▸ Click here to expand...

Element	Mapping and Definition
Course Name	*Student Information > General > Transcript* *Scheduling & Courses > Course Information* This option lists the course name that appears on the student's transcript. It comes from the transcript record or, when the transcript is posted, the student's schedule.
Grade Taken	*Student Information > General > Transcript* *Student Information > General > Enrollments* This is the student's grade of enrollment (10, 11, 12, etc.) at the time he/she attempted and/or completed the transcript course.
State Standard	*Student Information > General > Transcript* *Scheduling > Grading & Standards > Standards Bank* If the transcript entry is associated with a grading standard, it will be listed in this area.

Element	Mapping and Definition
Transcript Credit Type	*Student Information > General > Transcript* *Scheduling & Courses > Courses > Course Grading Tasks* *Grading & Standards > Credit Groups* Credit types are the categories in a Credit Group (*e.g.*, English, History).
Transcript Credit Group	*Grading & Standards > Credit Groups* This is the category of course credits used to organize courses and graduation requirements.
Transcript Mark Year	*Student Information > General > Transcript* *Scheduling & Courses > Calendar Setup > School Years* This is the school year the course was completed. If a course was completed in the 2003-2004 school year, the field would report as 2003-2004.
Transcript Score	*Student Information > General > Transcript* *Grading & Standards > Score Groups & Rubrics* This is the letter grade or percentage grade a student has earned for a course.

Health Visits

View: v_HealthVisitDetail

▸ Click here to expand...

Element	Mapping and Definition
Complaint Type	*Student Information > Health > Health Office Visits > New > Complaint(s)* *Student Information > Health Administration > Health Complaint Type Setup* Indicates the type of complaint assigned to the student's visit to the Health Office.
Discharge Type	*Student Information > Health > Health Office Visits > Discharge(s)* *Student Information > Health Administration > Health Discharge Type* Indicates the discharge action assigned to the student's visit to the Health Office.

Element	Mapping and Definition
Intervention Type	*Student Information > Health > Health Office Visits > Interventions(s)* *Student Information > Health Administration > Health Intervention Type* Indicates the assigned care noted on the health office visit record in response to the observation.
Intervention Type Item	*Student Information > Health > Health Office Visits > Interventions(s)* *Student Information > Health Administration > Intervention Type* Indicates specific action given in response to the selected intervention.
Observation Type	*Student Information > Health > Health Office Visits > Observation(s)* *Student Information > Health Administration > Observation Types* Indicates the issue the health office staff noted when the student arrived for treatment.
Observation Type Item	*Student Information > Health > Health Office Visits > Observation(s)* *Student Information > Health Administration > Observation Type* Indicates specific action given in response to the selected intervention.
Recorded By (Full Name)	*Student Information > Health > Health Office Visits > Recorded By* Staff who recorded the student's visit.
Student's Full Name (Health Visits)	*Student Information > General > Summary* Student who visited the Health Office.

Medication

View: v_MedicationDetail

▸ Click here to expand...

Element	Mapping and Definition

Element	Mapping and Definition
Comments/Precautions	*Student Information > Health > Medications > Comments/Precautions* Notes about the student's medication record.
Date Submitted	*Student Information > Health > Medications > Date Submitted* Indicates the date the medication information was given to the school.
Directions	*Student Information > Health > Medications > Directions for Use* Lists how to administer the medication, as directed by the student's medical professional.
Doses Remaining	*Student Information > Health > Medications > Remaining Doses* Lists the remaining medication doses on site.
Doses Submitted	*Student Information > Health > Medications > Doses Submitted* Total number of doses given to the school by the parent/guardian.
Medication Form	*Student Information > Health > Medications >Medication Form* Form of the medication (*e.g.*, tablet, capsule, etc.)
Medication Name	*Student Information > Health > Medications >Medication Name* The name of the medication that is administered to the student.
Notification Threshold	*Student Information > Health > Medications > Notification Threshold* Number at which the parent is notified that more doses are needed.
Recorded By (Full Name)	*Student Information > Health > Medications >Recorded By* Health office staff who recorded the medication.
Student's Full Name (Medication)	*Student Information > General > Summary* Student receiving the medication.

Special Education

View: cube_sped

▸ Click here to expand...

Element	Mapping and Definition
Disability	*Student Information > General > Enrollments > Special Ed Fields > Special Education Disability Setting* Student's assigned disability.
Evaluation Name	*Student Information > Special Education > Documents > Evaluation > Evaluation Editor* Name of the evaluation assigned to the student.
Evaluation Result Disability	*Student Information > Special Education > Documents > Evaluation > Results and Eligibility* Notes the student's evaluation results and disability to receive services.
Evaluation Result Eligibility	*Student Information > Special Education > Documents > Evaluation > Results and Eligibility* Notes the student's evaluation results and eligibility to receive services.
Plan Manager Name	*Student Information > Special Education > Team Members* Name of the staff person responsible for the student's plan (case manager).
Plan Name	*Student Information > Special Education > Documents > Plan* Name of the plan assigned to the student.
Primary Disability	*Student Information > General > Enrollments > Special Ed Fields > Primary Disability* The primary disability assigned to the student.
Secondary Disability	*Student Information > General > Enrollments > Special Ed Fields > Secondary Disability* The secondary disability assigned to the student.
Service Name	*Student Information > Special Education > Documents > Plan > Services Editor > Services* The service a student is receiving as noted on his/her Education Plan.
Service Position	*Student Information > Special Education > Documents > Plan > Services Editor > Service Position* The selected service position the student is receiving.

Element	Mapping and Definition
Service Provider Name	*Student Information > Special Education > Documents > Plan > Services Editor > Service Provider* The person/organization providing the service.
Service State Code	*Student Information > Special Education > Documents > Plan > Services Editor > Services* State code assigned to the service, if applicable.
Special Education Exit Reason	*Student Information > General > Enrollments > Special Ed Fields* Reason student is no longer receiving services.
Special Education Setting	*Student Information > General > Enrollments > Special Ed Fields* Student's special education setting.
Special Education Status	*Student Information > General > Enrollments > Special Ed Fields* Student's special education status.

Blended Learning

View: cube_blendedLearning

▸ Click here to expand...

Element	Mapping and Definition
Assignment End Date	*Student Information > General > Attendance > Blended Learning Group* The end date of the student's assignment to the Blended Learning Group.
Assignment Start Date	*Student Information > General > Attendance > Blended Learning Group* The end date of the student's assignment to the Blended Learning Group.
Assignment ID	*Student Information > General > Attendance > Blended Learning Group* Identifier record of the assigned Blended Learning Group.
Group End Date	*Scheduling & Courses > Build Schedules > New Blended Learning Groups* End date of the group.
Group Name	*Scheduling & Courses > Build Schedules > New Blended Learning Groups* Entered name of the group.

Element	Mapping and Definition
Group Start Date	*Scheduling & Courses > Build Schedules > New Blended Learning Groups* Start date of the group.
Person ID	*Scheduling & Courses > Build Schedules > New Blended Learning Groups* Identifier record of the student.
Virtual Today	*Scheduling & Courses > Calendar Setup > Day Setup* Indicates the student is in a group that is assigned to the current date to meet virtually.
Virtual Tomorrow	*Scheduling & Courses > Calendar Setup > Day Setup* Indicates the student is in a group assigned to meet virtually tomorrow.

Food Service

View: cube_fram

▸ Click here to expand...

Element	Mapping and Definition
Certified Type	*FRAM > Eligibility > Certified Type* The determining reason for the student's reported Eligibility value.
Eligibility	*FRAM > Eligibility > Eligibility* Indicates the level of meal service benefits awarded to a student/household.
End Date	*FRAM > Eligibility > End Date* The last day on which the student's Eligibility is active.
Opt Out Medicaid	*FRAM > Eligibility > Opt Out Medicaid* Indicates the student's guardian has indicated he/she does not wish to be contacted by Medicaid regarding meal benefits.
Opt Out State Child Health Insurance Provider	*FRAM > Eligibility > Opt Out SCHIP* Indicates the student's guardian has indicated he/she does not wish to be contacted by SCHIP regarding meal benefits.

Element	Mapping and Definition
School Year	*FRAM > Eligibility > School Year* The school year for which the Eligibility applies.
Start Date	*FRAM > Eligibility >Start Date* The first day on which the Eligibility applies.
State Code	*FRAM > Eligibility > State Eligibility Code* The State Eligibility Code is based on the student's Eligibility status.

Standardized Tests

View: This view is dynamically built from the contents of the Test and TestScore tables.

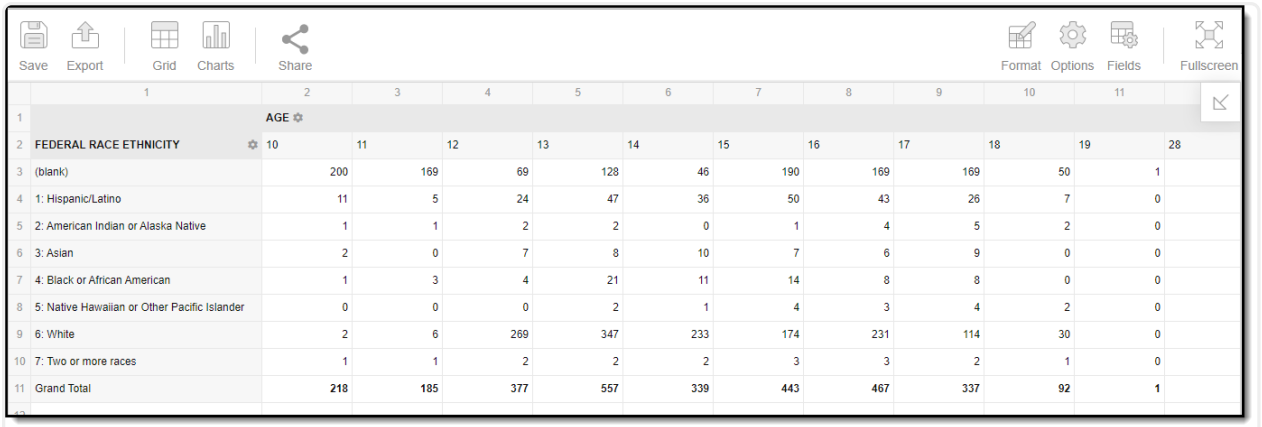
▸ Click here to expand...

Assessment > Test Setup > Test Detail
Student Information > General > Assessment
Standard tests can be state-required exams by grade level (BSTs, MCAs) or nationwide tests or college-acceptance exams (SATs, ACTs). The pivot reports the Result Codes recorded for each student on each test defined in Campus.

The list of tests and applicable elements will vary by district.

Understanding Pivots

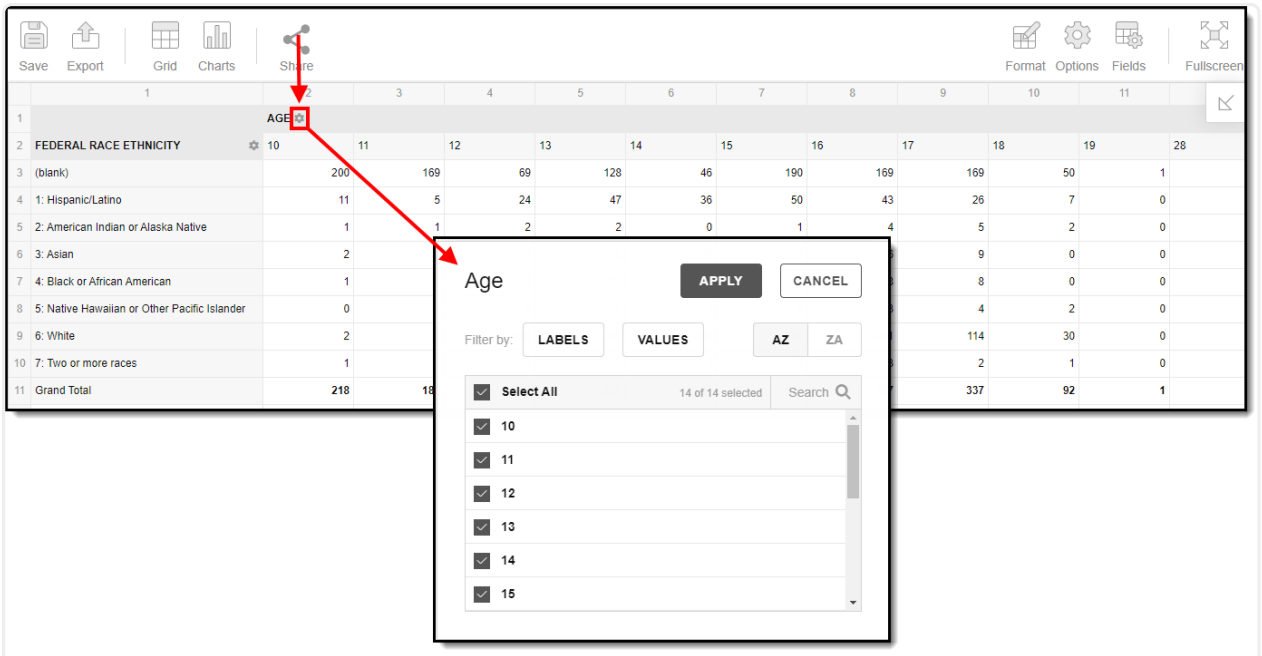
Once pivot elements are defined in the Pivot Designer editor or an existing pivot has been opened, users are directed to the Pivot Designer tool. This tool displays all information generated based on the cross-referenced dimensions. From here, users can further manipulate pivot data and present this information in several visual charts.



		AGE										
	FEDERAL RACE ETHNICITY	10	11	12	13	14	15	16	17	18	19	28
3	(blank)	200	169	69	128	46	190	169	169	50	1	
4	1: Hispanic/Latino	11	5	24	47	36	50	43	26	7	0	
5	2: American Indian or Alaska Native	1	1	2	2	0	1	4	5	2	0	
6	3: Asian	2	0	7	8	10	7	6	9	0	0	
7	4: Black or African American	1	3	4	21	11	14	8	8	0	0	
8	5: Native Hawaiian or Other Pacific Islander	0	0	0	2	1	4	3	4	2	0	
9	6: White	2	6	269	347	233	174	231	114	30	0	
10	7: Two or more races	1	1	2	2	2	3	3	2	1	0	
11	Grand Total	218	185	377	557	339	443	467	337	92	1	

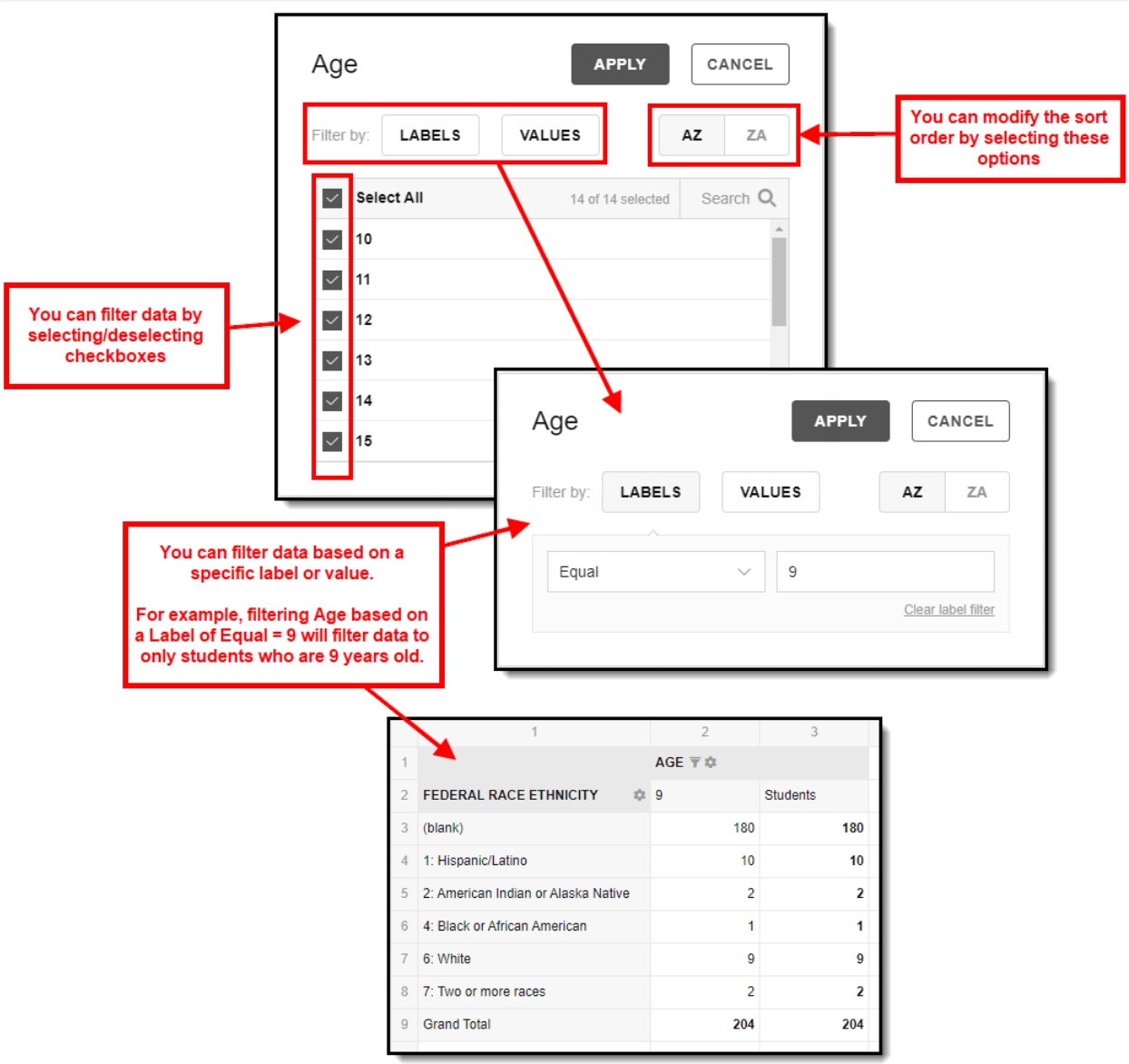
Example of a Pivot Table

To filter a dimension, click the gear icon next to the dimension header.



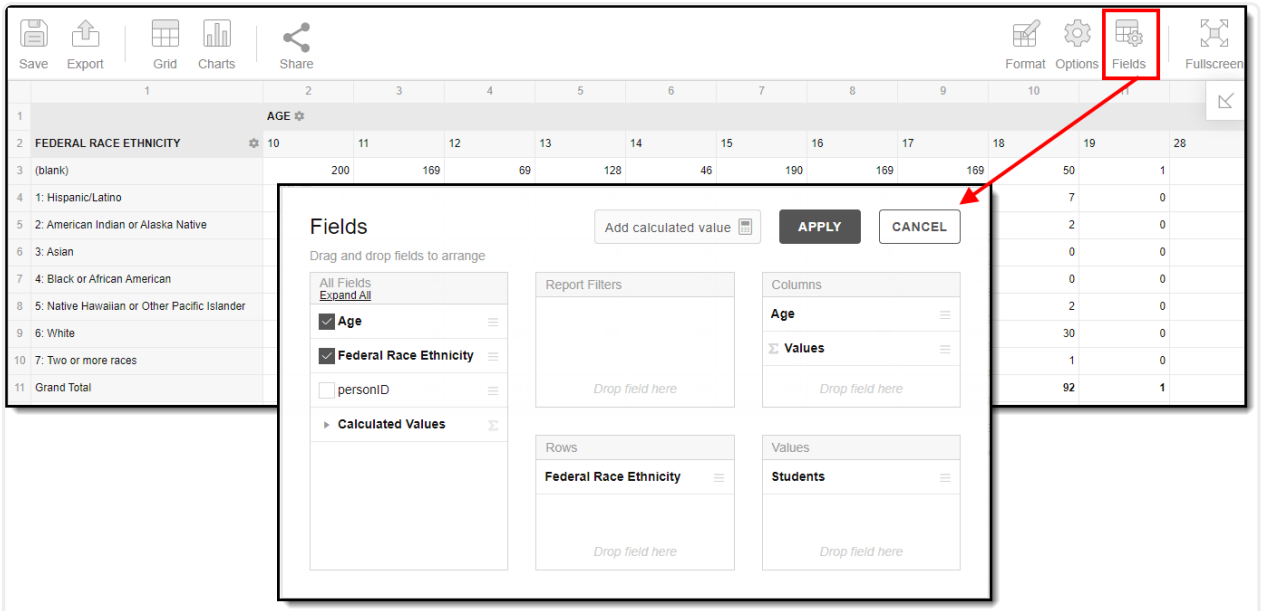
Filtering a Dimension

From here, you can filter dimension data by label or value, as well as modify the dimension sort order. For example, in the image below, filtering the Age dimension by Labels and setting the filter parameter to Equal 9 displays only cross-referenced data for students aged 9.



Example of Filtering a Dimension

Selecting the **Fields** icon lets you reorder fields in the pivot, add or remove fields from the pivot table, and change which fields are used in rows or columns

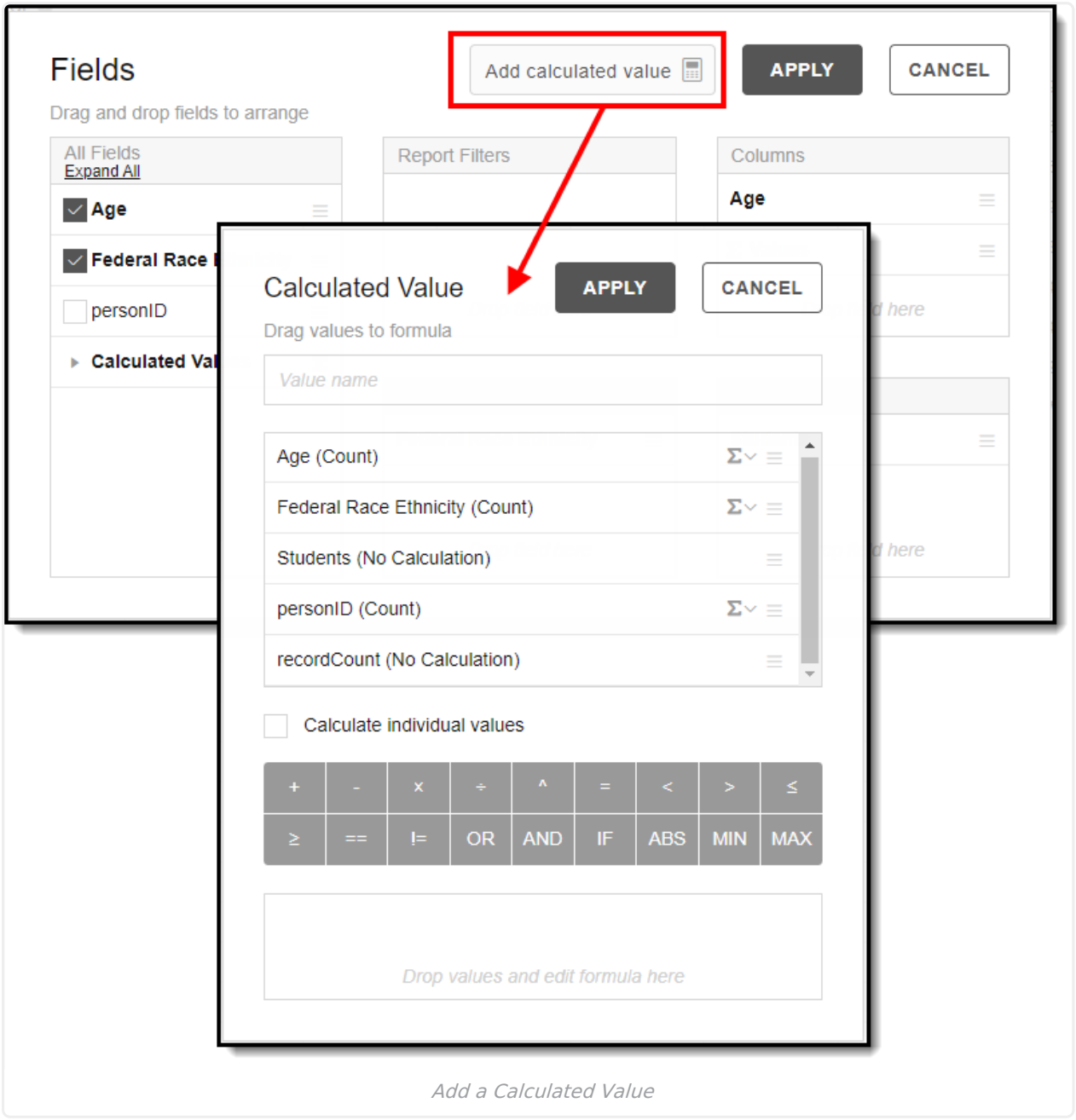


Modify Field Options

You can also modify or insert specific calculations for the pivot table by clicking the **Add calculated value** button (Image 7). When adding calculated values, users can use aggregation keywords to produce aggregates that aren't available when selecting the sigma droplist.

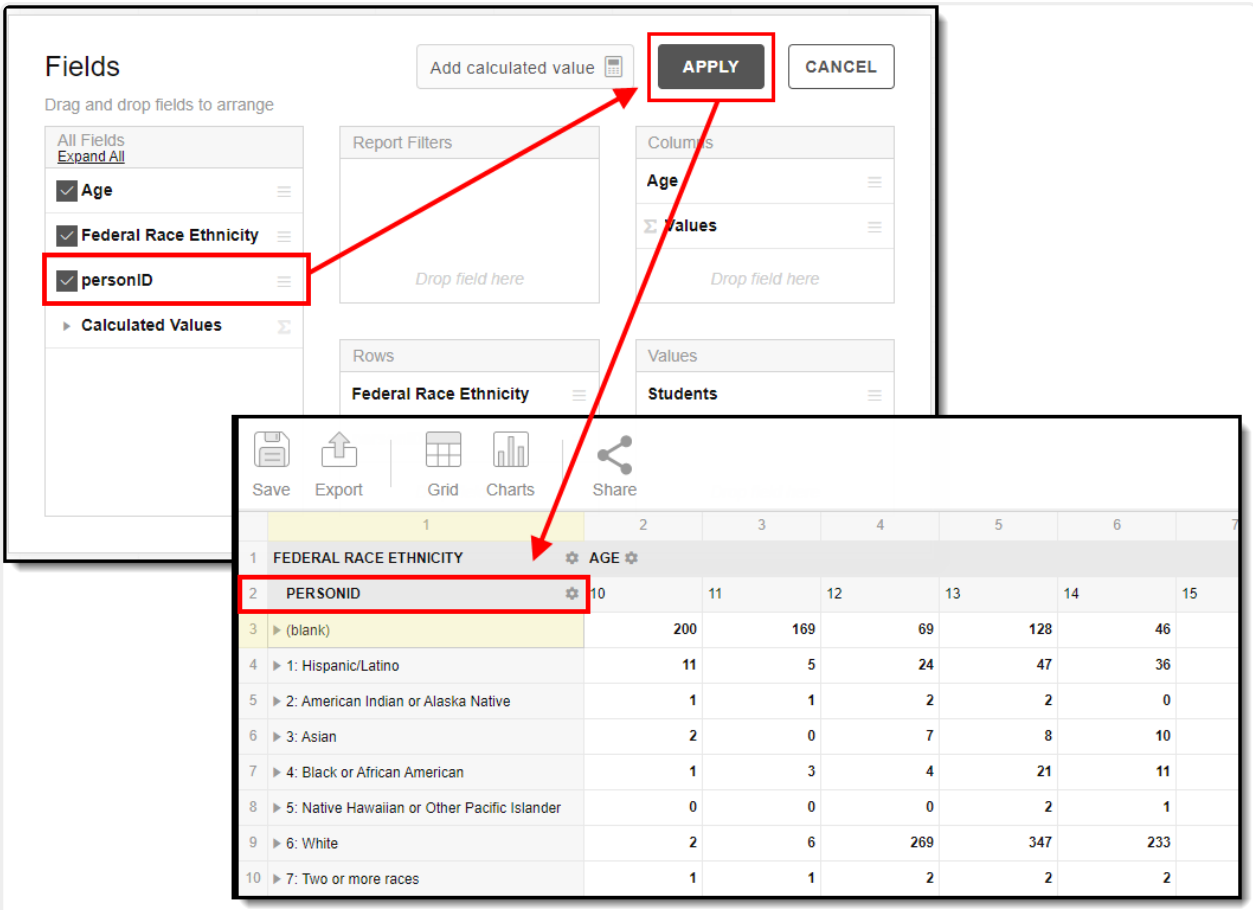
For example, notice in the image below that the first option is Age (Count). The aggregation function is Count. Clicking the Sigma displays Count and Distinct Count only; however, users can modify the aggregation function when creating a calculated value using these additional keywords:

- Count
- Distinct Count
- % of Grand Total (Percent)
- % of Column (Percent of Column)
- % of Row (Percent of Row)



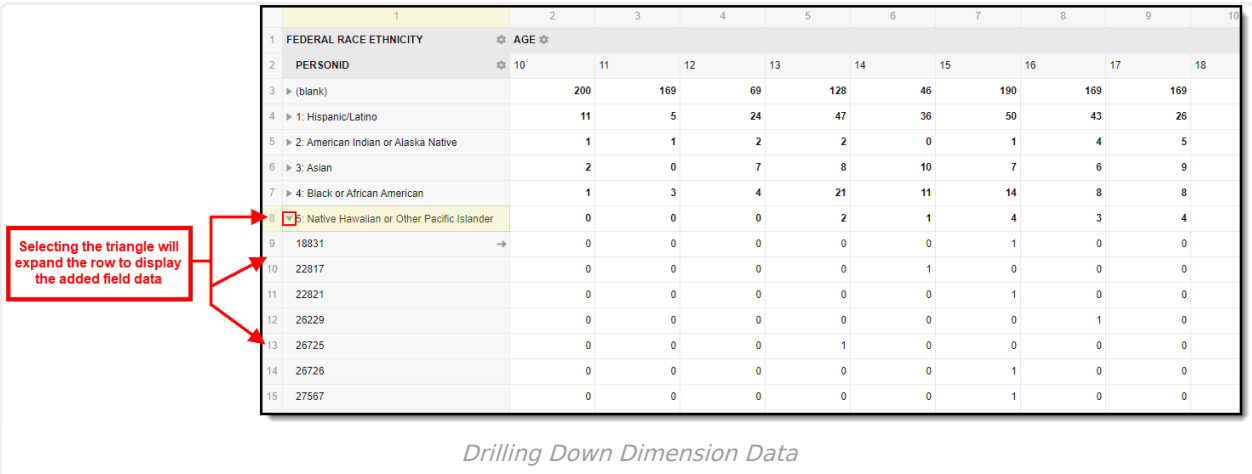
Add a Calculated Value

In the example below, the personID field was added and applied to the pivot table. This additional field created a second dimension tied to Federal Race Ethnicity.



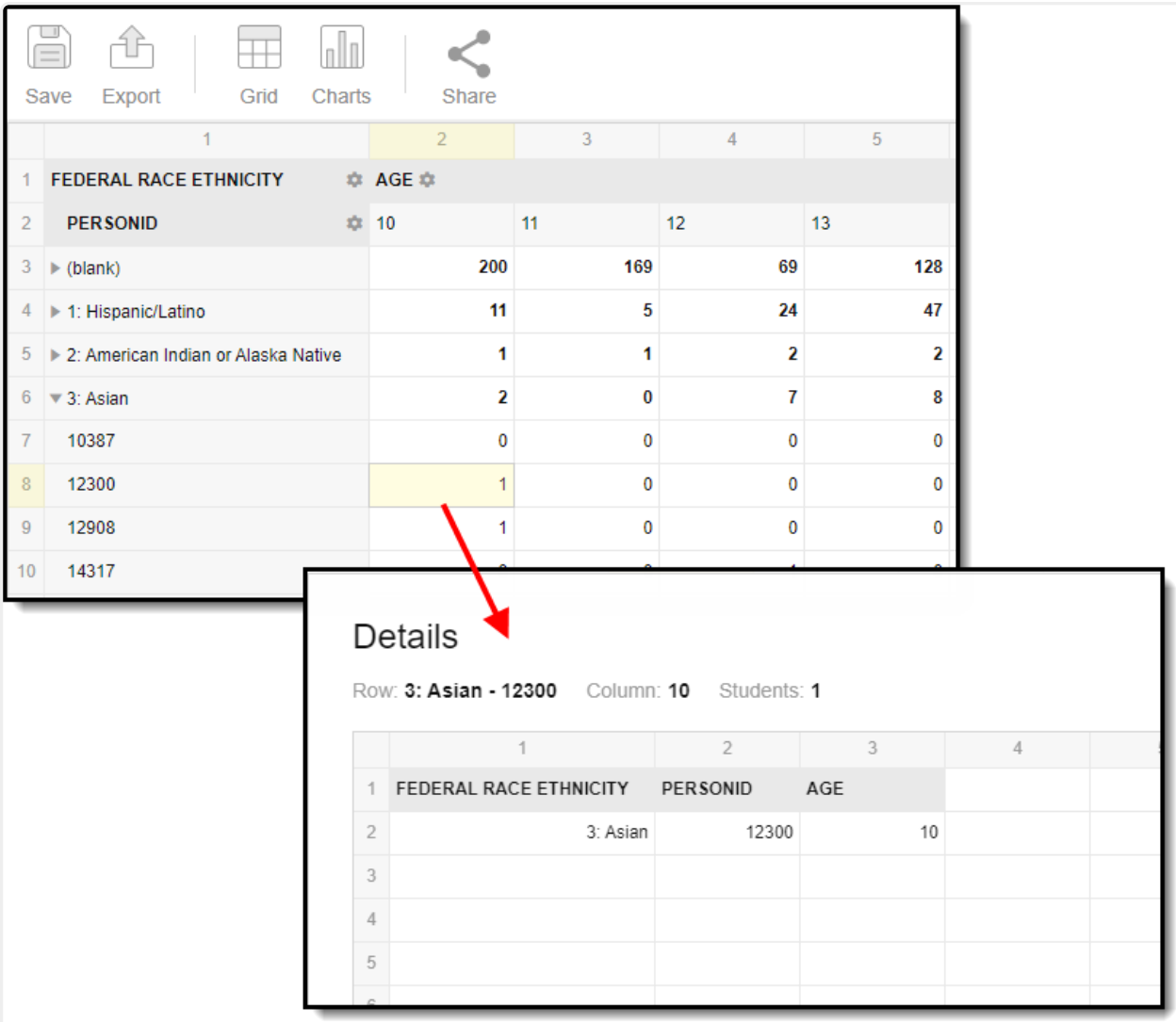
Applying Field Options

Adding this additional dimension means Federal Race Ethnicity values can now be drilled down to see the personIDs of all students reporting for this Race Ethnicity value.



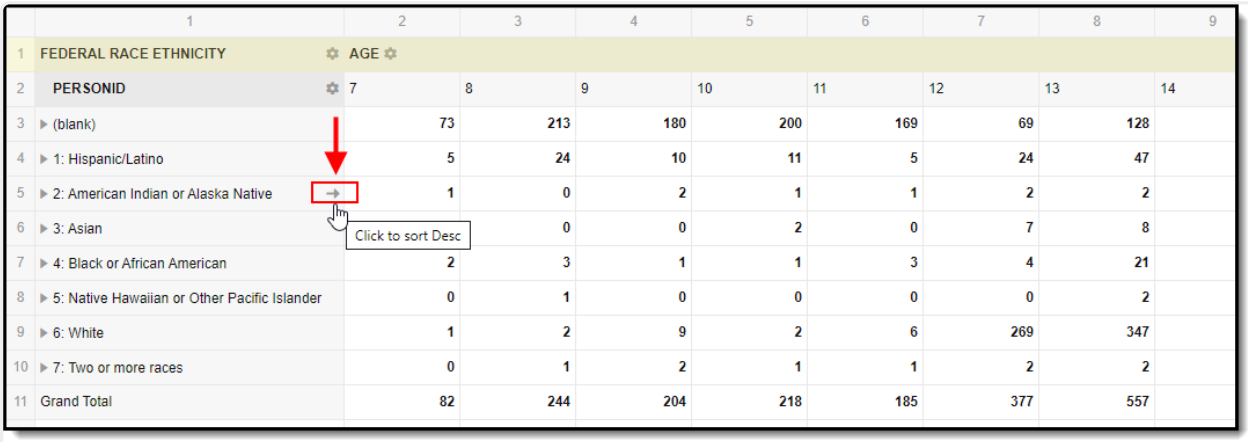
Drilling Down Dimension Data

You can further drill down on pivot table data by double-clicking on a specific cell. This will display all cross-referenced information in the cell. For example, in the image below, this cell is reporting data for a 10-year-old Asian student with a PersonID of 12300.



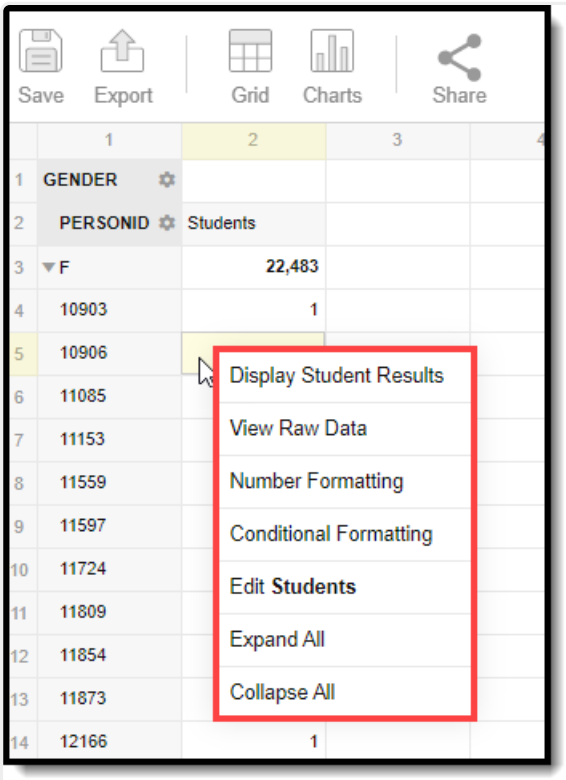
Reviewing Cell Data

You can sort each row in ascending or descending order by selecting the arrow icon → next to the row name.



Selecting Row Sort Order

You can also access additional options by right-clicking an individual cell.



Right-Clicking a Cell

Example Chart Styles

Pivot data can be displayed visually in a variety of charts. To create a chart, click the **Charts** icon and select a chart type.

- Column
- Bar
- Line
- Scatter
- Pie
- Bar Stack
- Bar Line

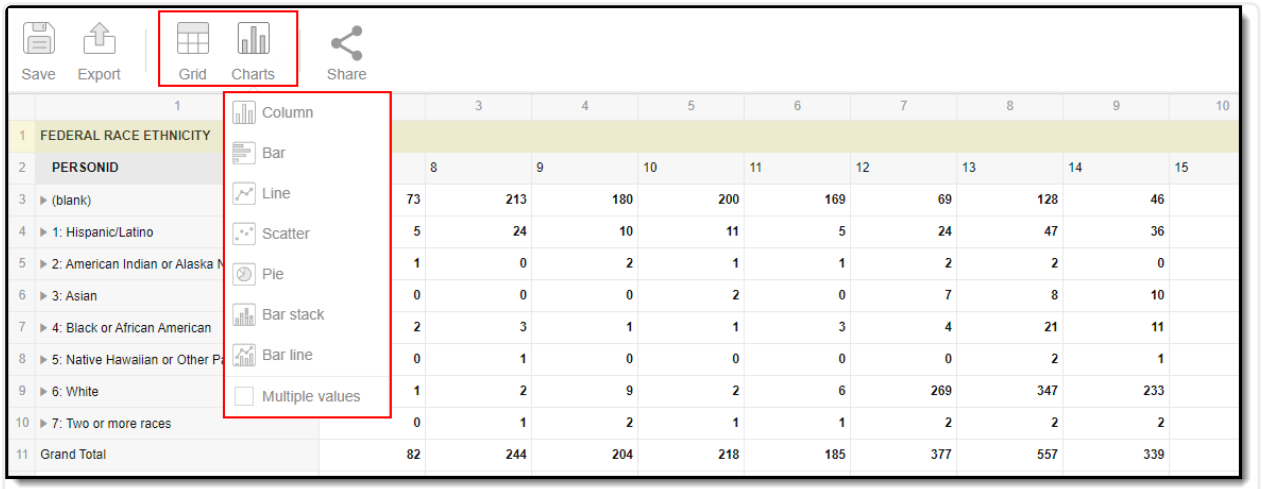
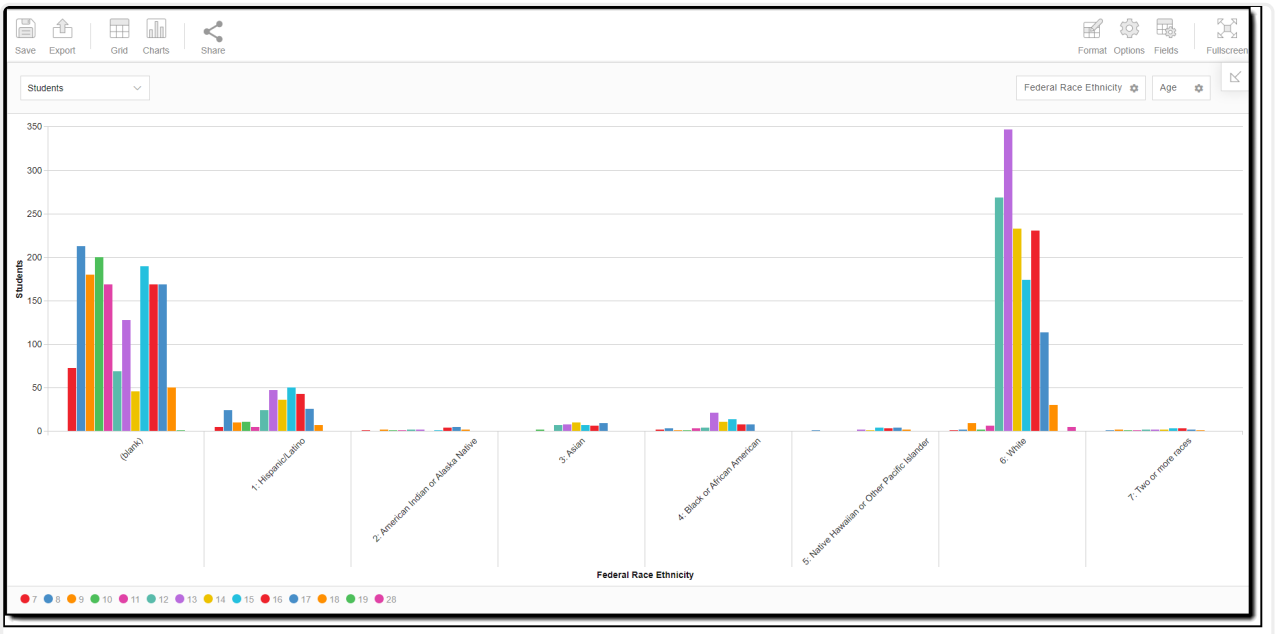


Chart Options

Column

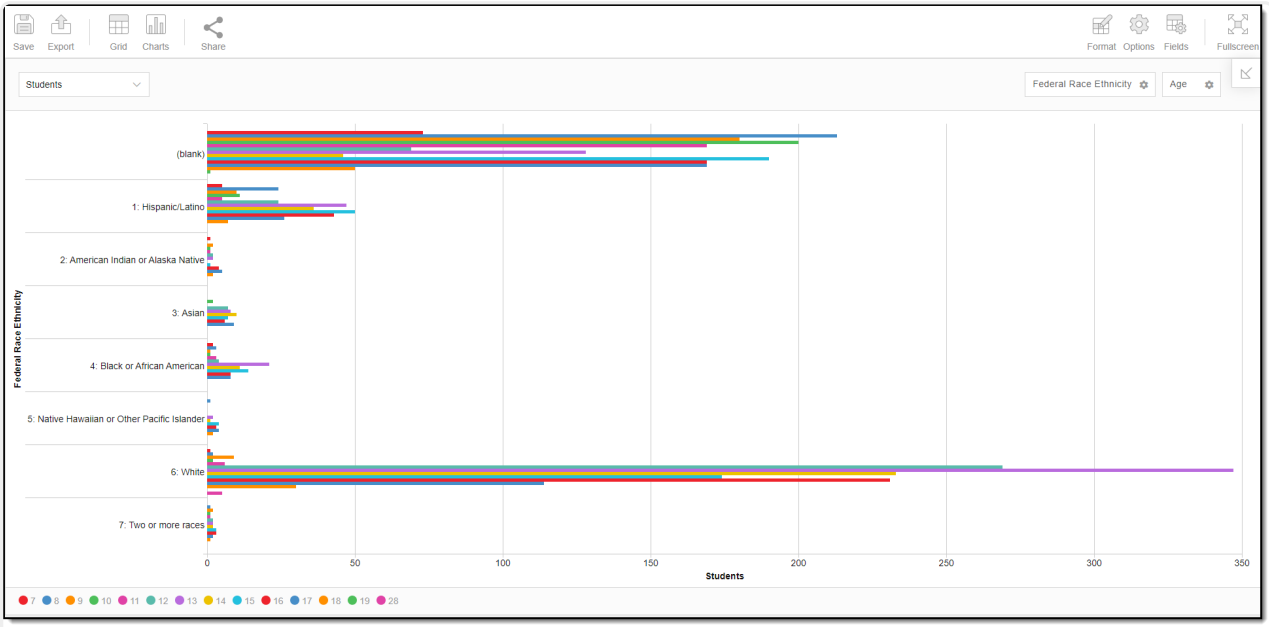
The Column chart displays pivot data in vertical color-coded columns. Colors are defined in the legend at the bottom of the screen. To filter displayed data, select the gear icon next to a data element.



Column Example

Bar

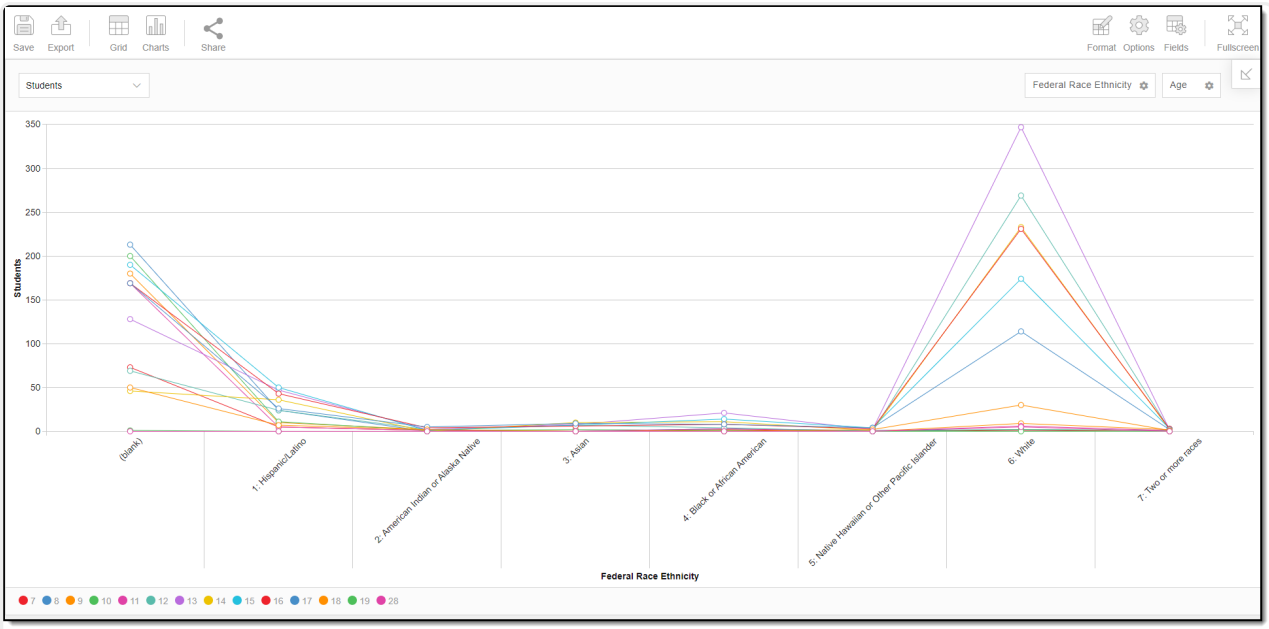
The Bar chart displays pivot data horizontally in color-coded columns. Bar charts work well for tracking changes over time.



Bar Example

Line

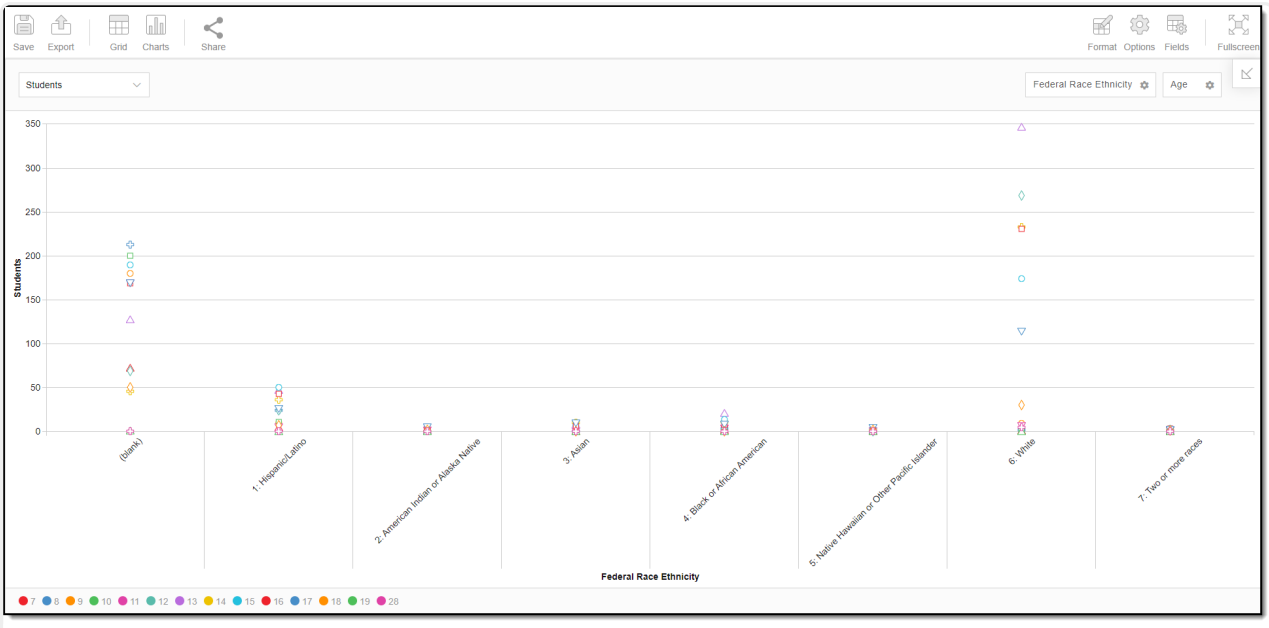
The Line graph displays pivot data using color-coded dots and lines. Line graphs are useful for reviewing changes over short and long periods, identifying spikes in data, and detecting trends.



Line Graph Example

Scatter

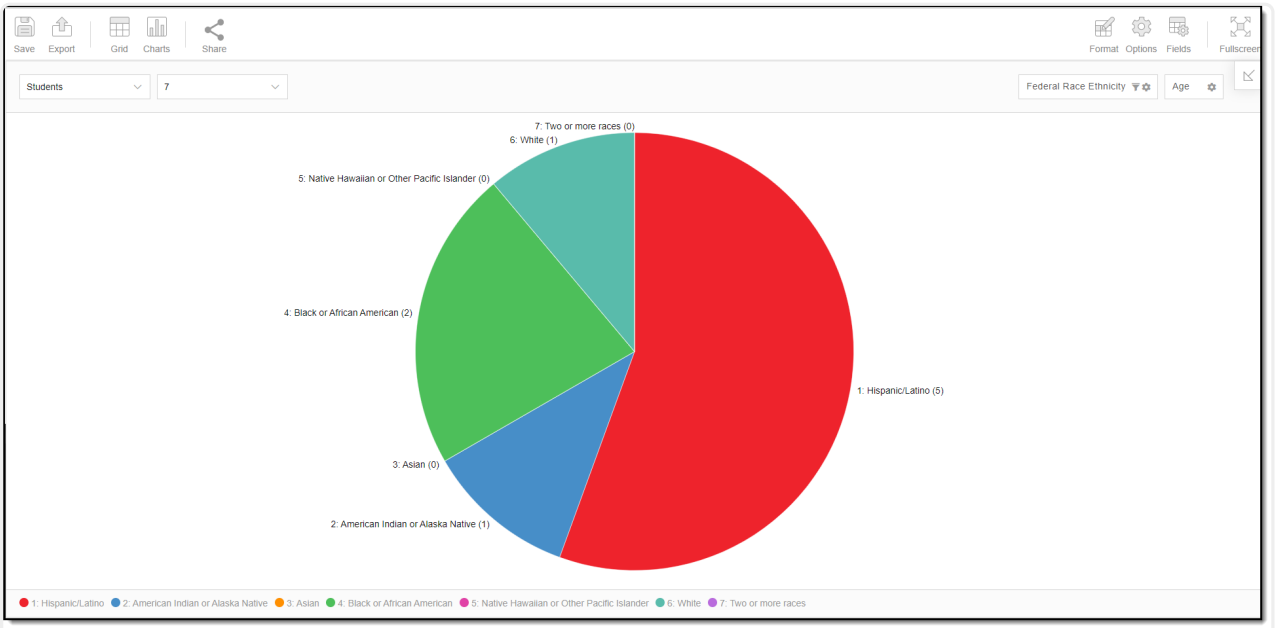
Scatter charts display pivot data in color and graphically unique points. Scatter charts work best when comparing large numbers of data points without regard to time. For example, you might use a scatter chart to analyze the relationship between two variables such as a person's height and weight.



Scatter Chart Example

Pie

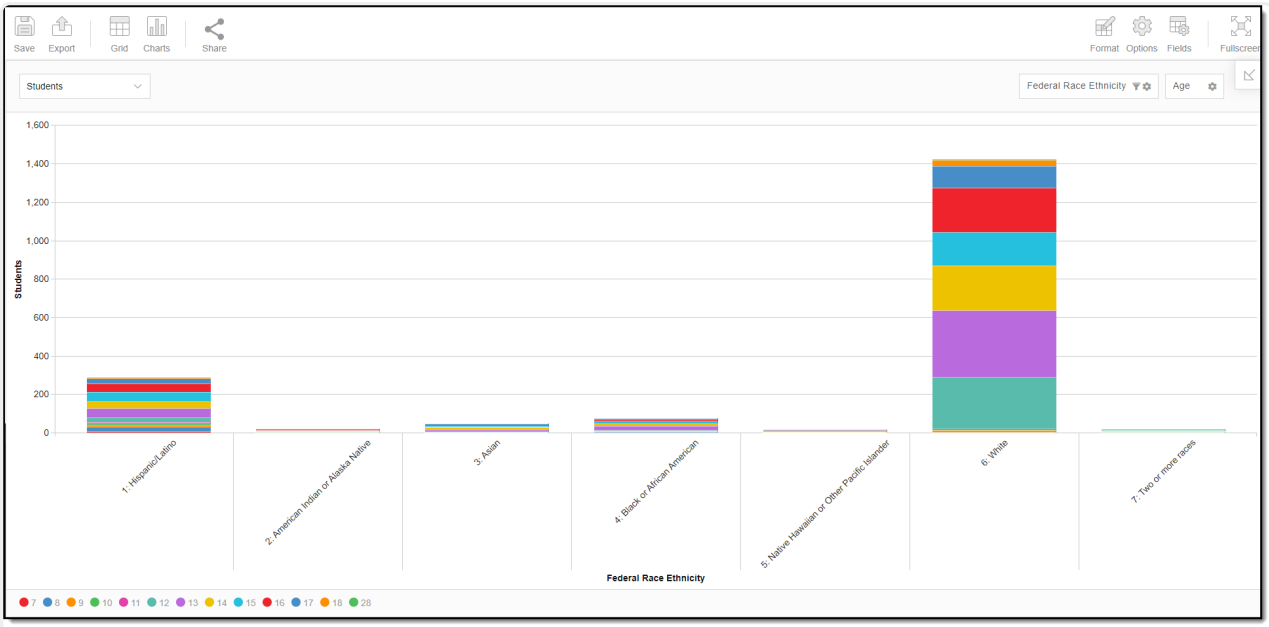
Pie charts display pivot data in a color-coded circle, indicating how much each variable makes up a part of the whole. Pie charts are useful for understanding the relative size or impact of one variable compared to others, or for seeing how a variable has shrunk or grown over time.



Pie Chart Example

Bar Stack

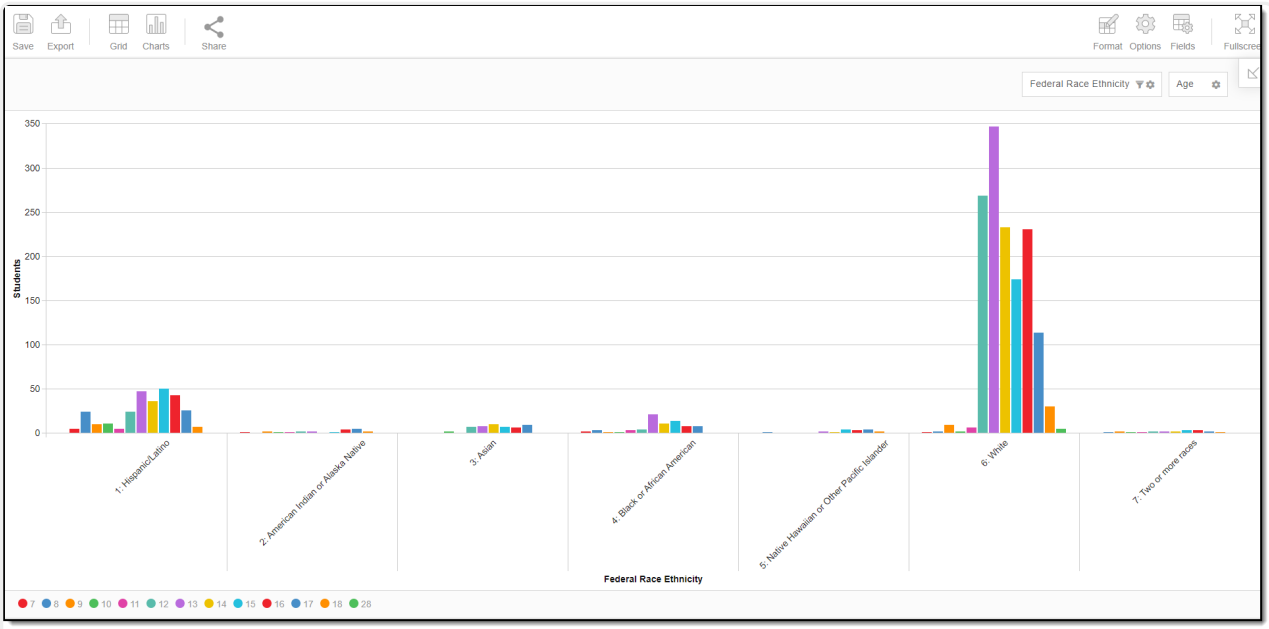
A Bar Stack displays pivot data in color-coded bars representing how much each variable makes up a part of the whole for another variable. Bar stacks are useful for visualizing multiple data types within a single bar.



Bar Stack Example

Bar Line

A Bar Line displays pivot data in vertical color-coded columns. Bar lines are useful for determining trends and the trajectory of data over time.

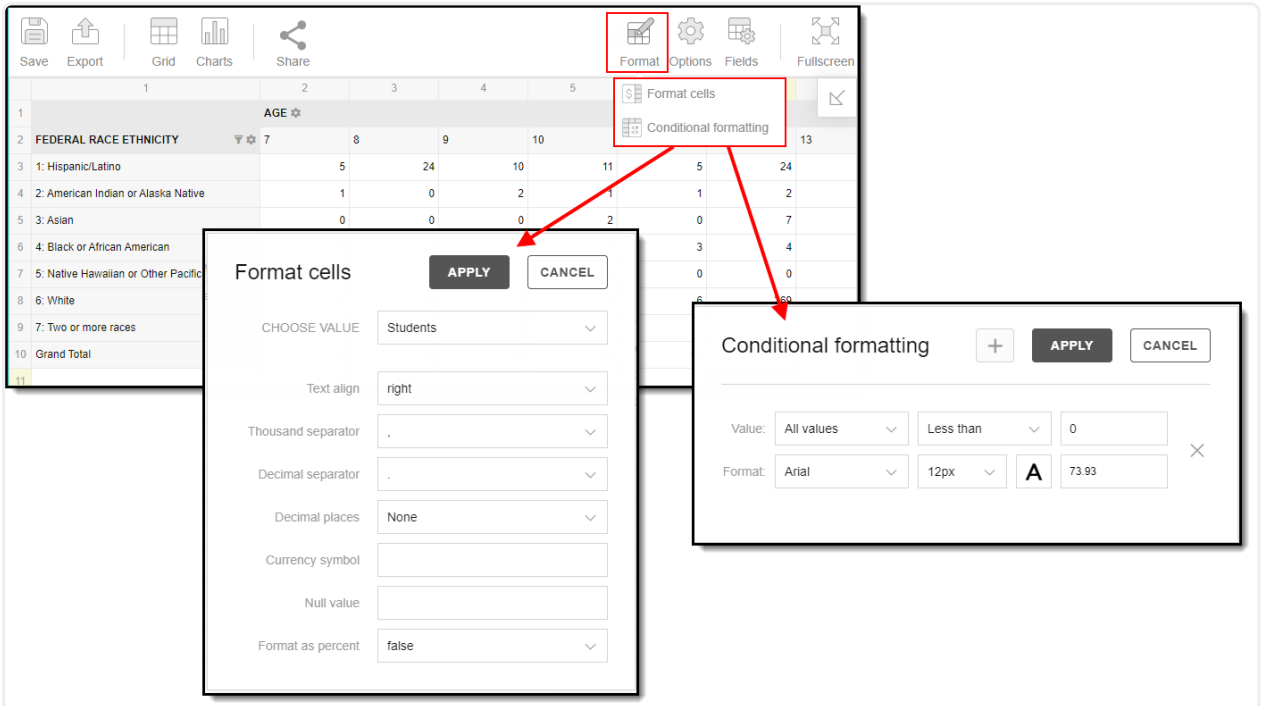


Bar Line Example

Format and Layout Options

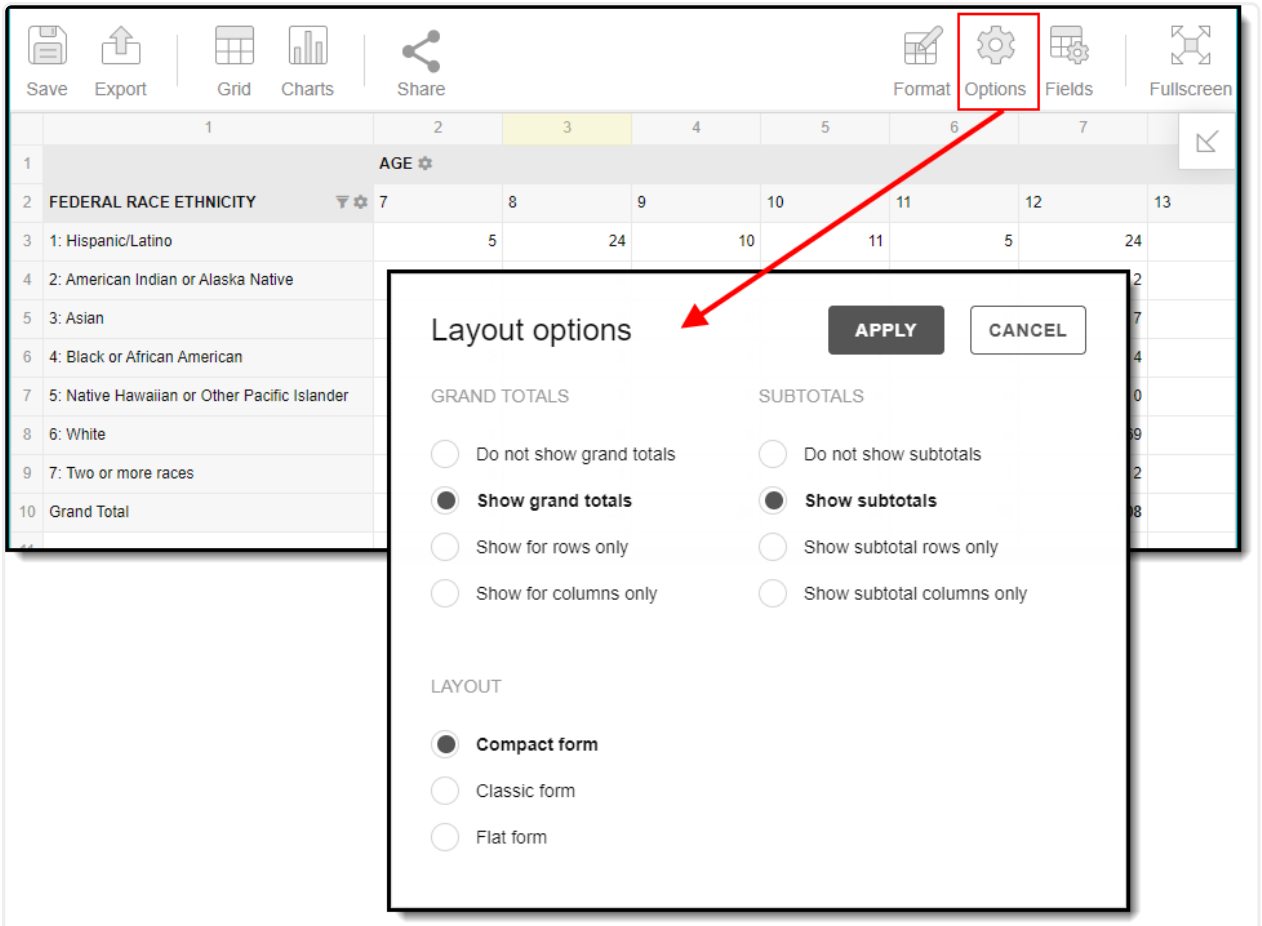
Format options let you modify how cells display data in the pivot table. To access format options, click the Format button and select one of the following options:

- **Format cells** - This editor allows you to control how text within the cell is aligned, what value is reported in the cells, how decimals are used, the current symbol used, any default null value you want the table to display, and whether or not you want data displayed as a percentage.
- **Conditional formatting** - This editor allows you to set cell value thresholds as to whether or not the data is reported for each cell (less than or greater than a certain value), as well as modify the cell text size and font.



Format Cells and Conditional Formatting

The **Options** menu gives you layout options for how you would like the table to be displayed (Layout), how grand totals are displayed in the table (Grade Totals), and how subtotals should be displayed (Subtotals).

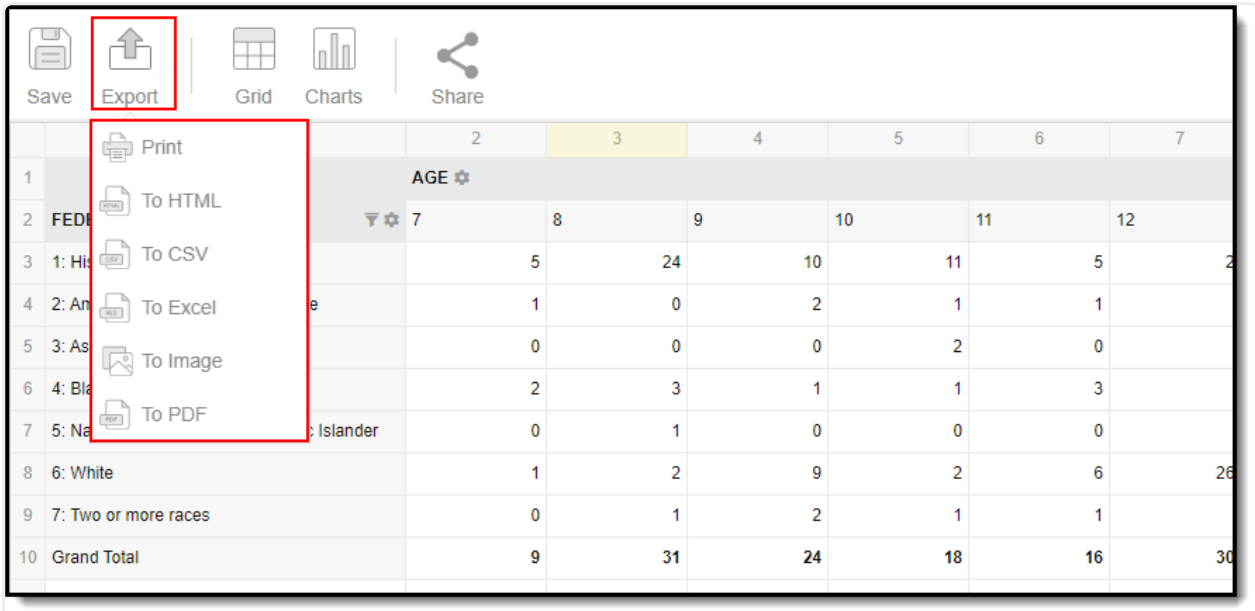


Layout Options

Export and Share Pivots

Pivots contain all data from the Effective Date entered on the Pivot Designer editor to the current date. Because of this, users are unable to do historical comparative analysis of data. Users are strongly encouraged to export data periodically to facilitate comparative analysis.

1. Click the **Export** icon and select an option. Pivots can be exported to several formats, including:
    - HTML
    - CSV
    - Excel
    - Image
    - PDF



Exporting a Pivot Table

Click the **Share** icon and select one of the following options to share your pivot with other Campus users:

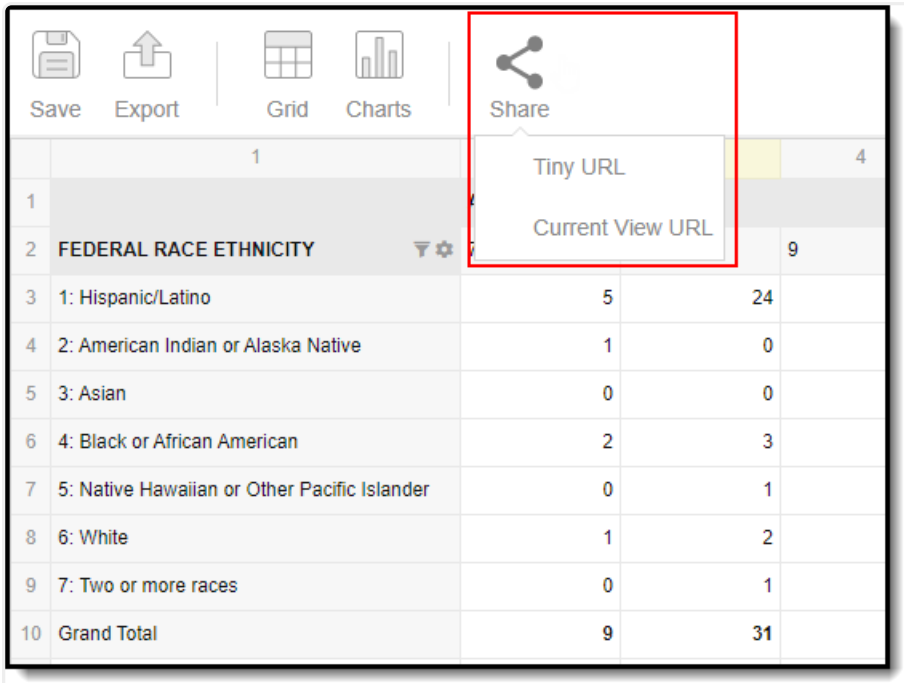
- **Tiny URL** - Produces a short URL which is useful for texting or emailing to other Campus users.

  This option will not preserve any formatting or filtering done to the pivot table. Users will receive the data in the default pivot table format.

- **Current View URL** - Preserves all existing formatting or filtering done to the pivot table; however, this URL will be much longer than the URL provided via the Tiny URL option.

Users attempting to access a pivot table via a shared URL must first be logged into Infinite Campus, have proper calendar and tool rights (to the tool and the data within the pivot) to see the reported data.

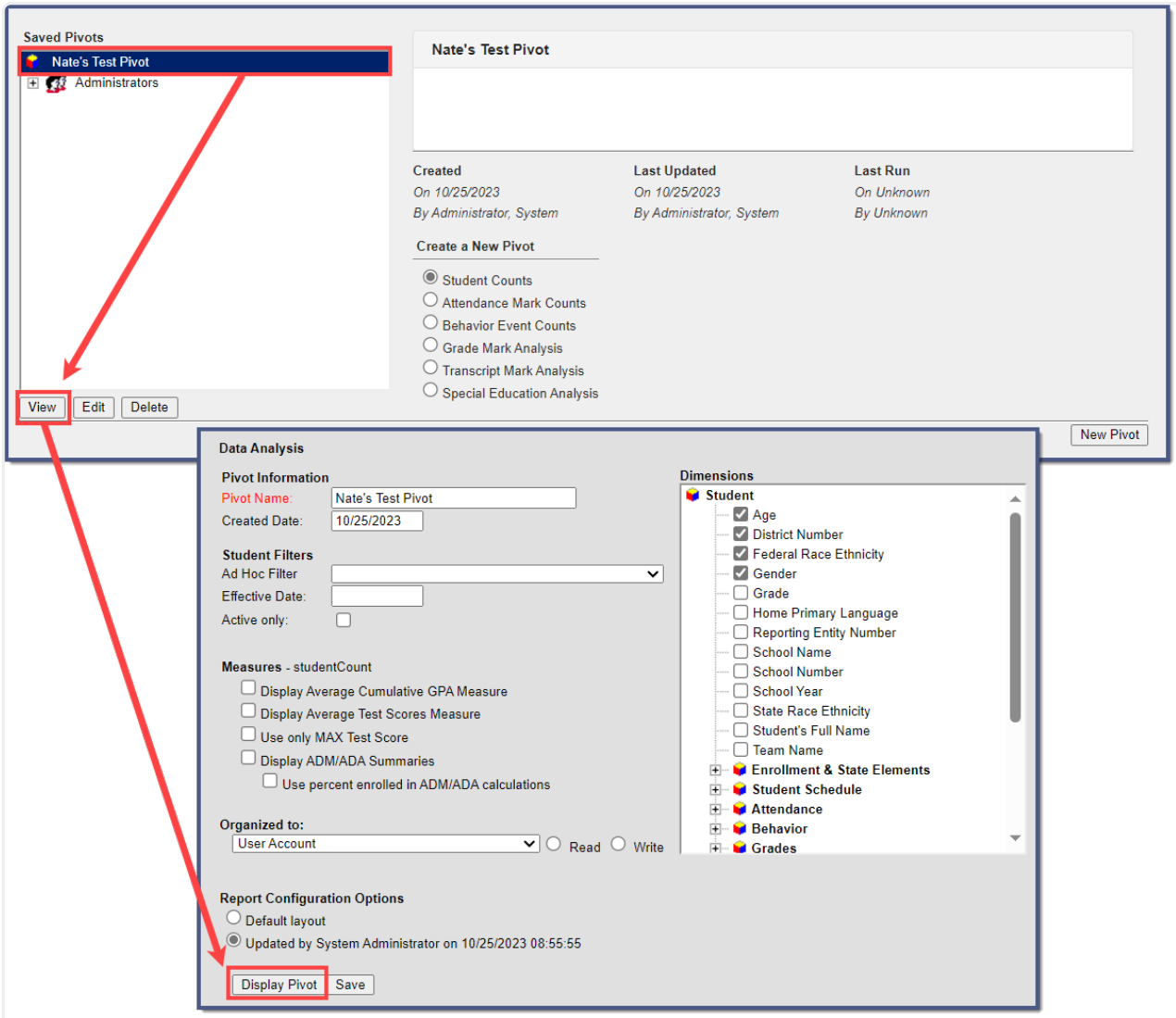
Attempting to view a pivot containing data you do not have access rights to will result in a message explaining why you were prevented from viewing it and what rights are required to access it.



Sharing a Pivot Table

View a Pivot

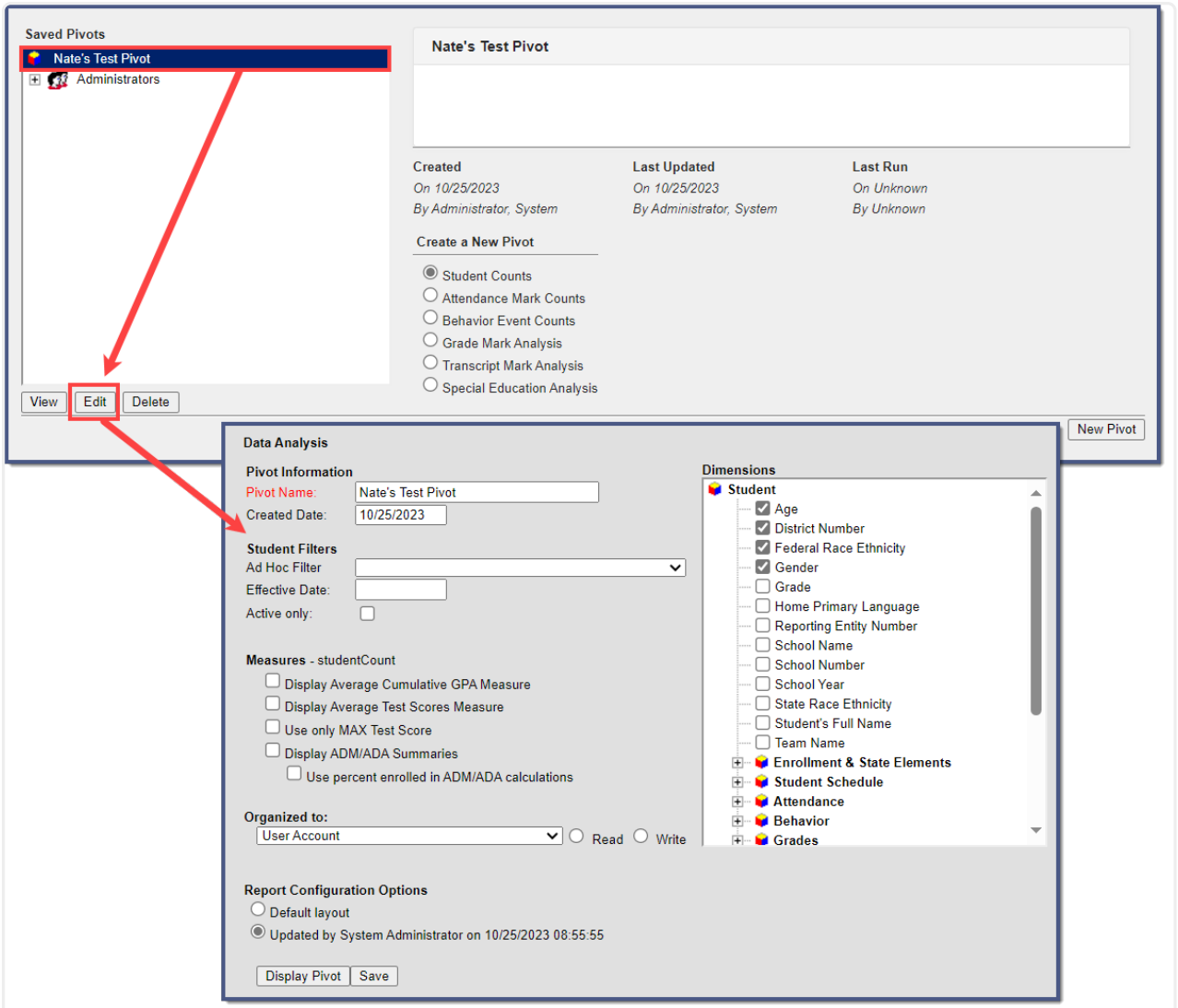
1. Select the pivot from the Saved Pivots window.
2. Click the **View** button to display an existing pivot.
3. You will be redirected to the Pivot Designer editor, where you will need to click **Display Pivot** to view your pivot.



Viewing an Existing Pivot

Edit a Pivot

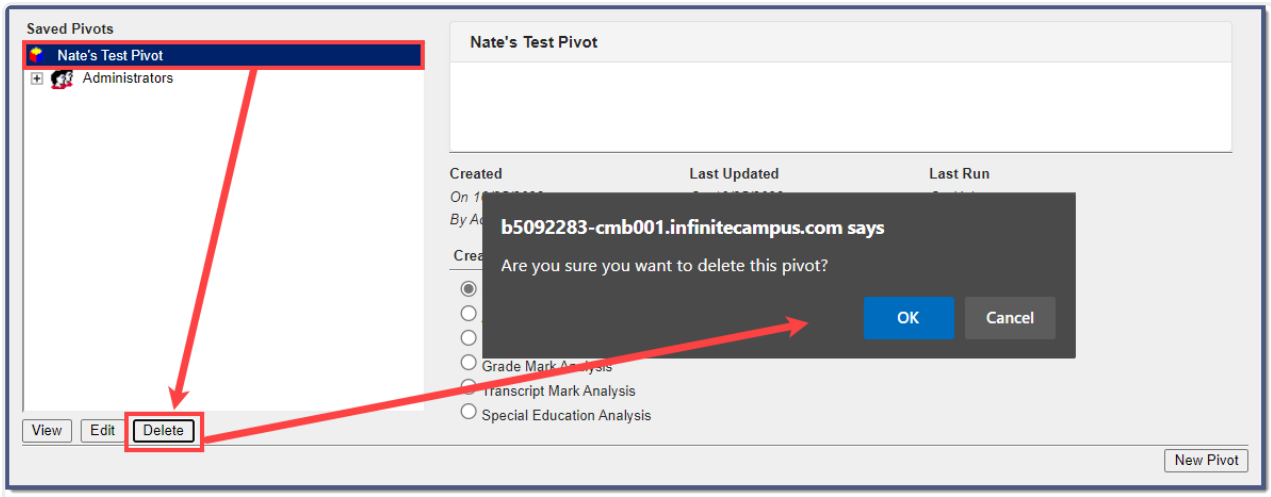
1. Select the pivot from the Saved Pivot window and click the **Edit** button.
2. You will be directed to the Pivot Designer editor, where you can modify existing dimensions and field data.
3. Select the **Save** icon to save the modified pivot field data.
4. Select the **Display Pivot** button to view modified pivot data.



Editing an Existing Pivot

Delete a Pivot

1. Select the pivot from the Saved Pivots window and click the **Delete** button.
2. You will receive a warning message.
3. Select **OK** to delete the pivot, or select **Cancel** to cancel the deletion.



Deleting a Pivot