LEARN BY DOING:
Creating a Table in TrendStats

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http://nces.ed.gov/datalab

THE TABLE YOU'LL CREATE

This tutorial will guide you through the steps taken to create the table shown below.

	Applied for any aid	Aid total amount
	(%>.5)	(Avg>0)
Estimates		
Total		
2000	65.3	6,036.5
2004	74.1	7,039.8
2008	73.6	9,021.1
2012	80.1	10,775.8
Institution sector (4 with multiple)		
Public 4-year		
2000	72.0	5,963.4
2004	78.0	7,412.6
2008	78.7	9,448.1
2012	81.6	11,214.3
Private not-for-profit 4-year		
2000	82.1	11,482.6
2004	88.1	12,817.2
2008	88.1	17,378.0
2012	89.5	22,488.0
Public 2-year		
2000	49.7	2,166.0
2004	62.1	2,932.1
2008	58.6	3,367.4
2012	70.2	4,737.4
Private for-profit		
2000	92.5	6,795.2
2004	95.3	7,998.3
2008	96.1	10,221.7
2012	94.9	11,121.2

BASIC STEPS REQUIRED TO CREATE A TABLE

1. Choose a type of table
2. Choose a group of students
3. Select one or more column variables
4. Select one or more row variables
5. Run your table
6. Adjust estimates for inflation (optional)

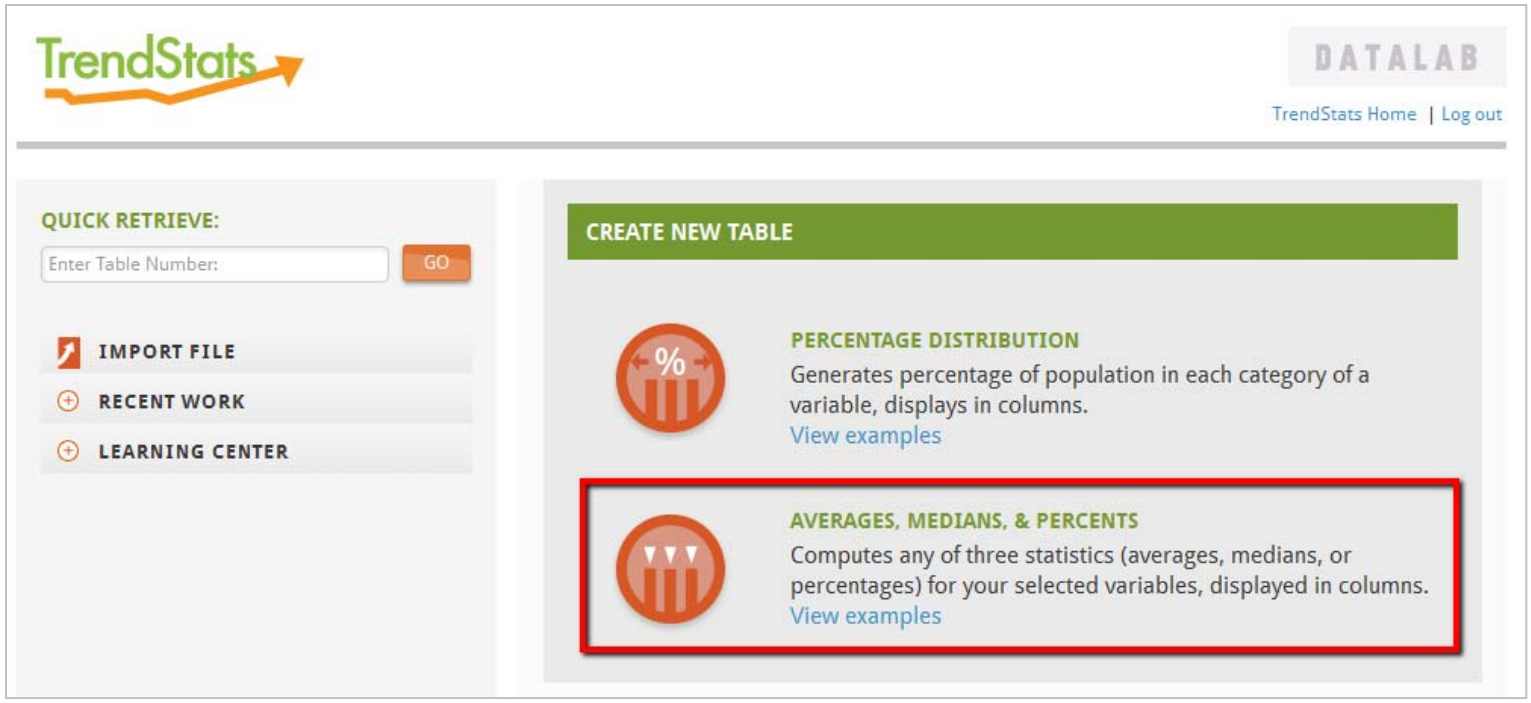
1. CHOOSE A TYPE OF TABLE

TrendStats allows uses to create Percentage Distribution Tables and Averages, Medians, and Percent Greater Than Tables. The table being created uses Percent Greater Than and Averages calculations.

INSTRUCTIONS

1. Click the *Averages Medians & Percents* icon or text.

TIP
Click *View examples* under each table type to learn more about the types of analyses that can be done in TrendStats.



2. CHOOSE A GROUP OF STUDENTS

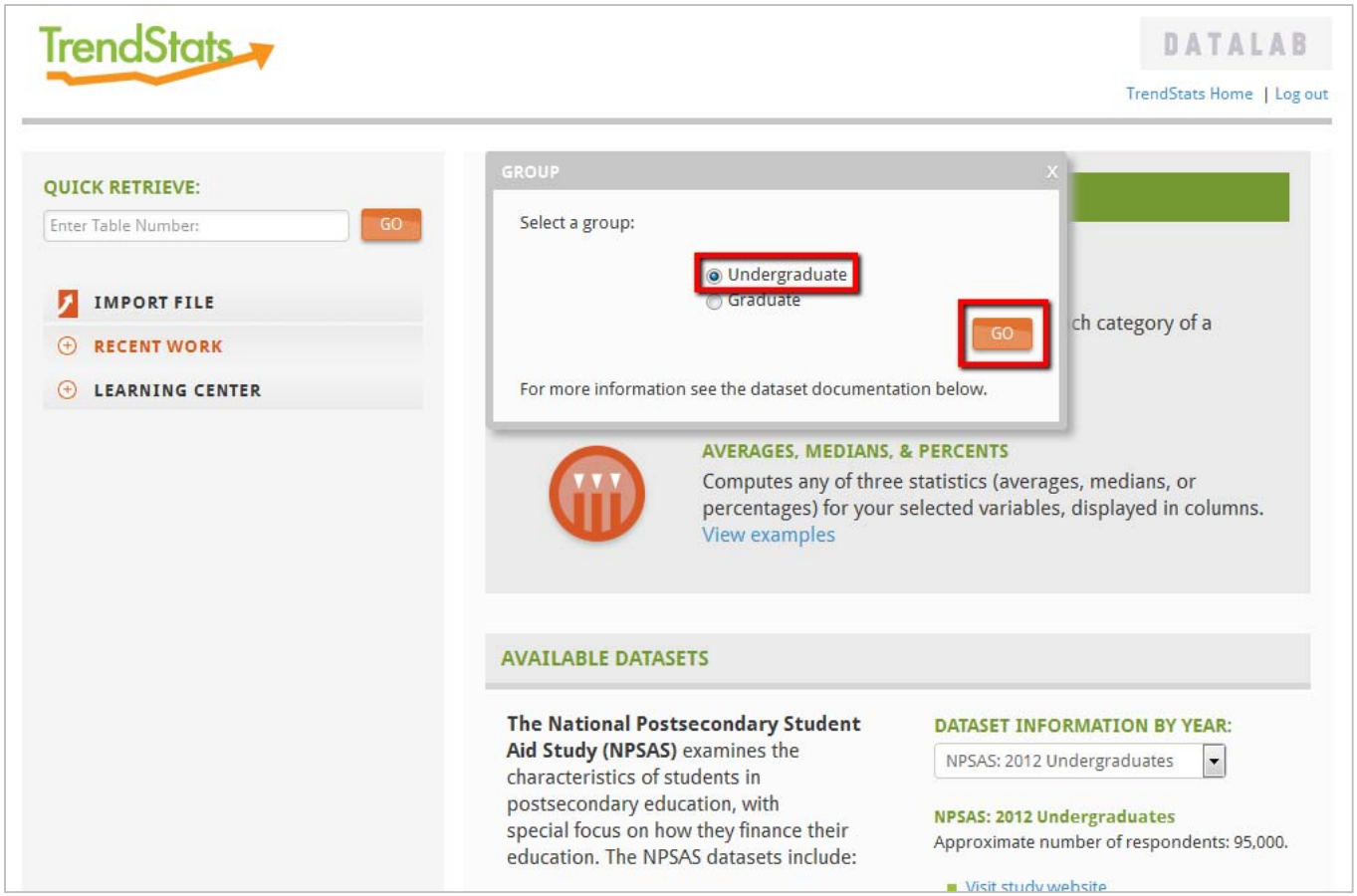
INSTRUCTIONS

1. After selecting a table type, the Group Selection screen will appear. “Undergraduate” will be automatically selected.

2. Click the GO button.

TIP
Use the *QuickSelect by dataset name* option if you are familiar with NCES postsecondary studies.

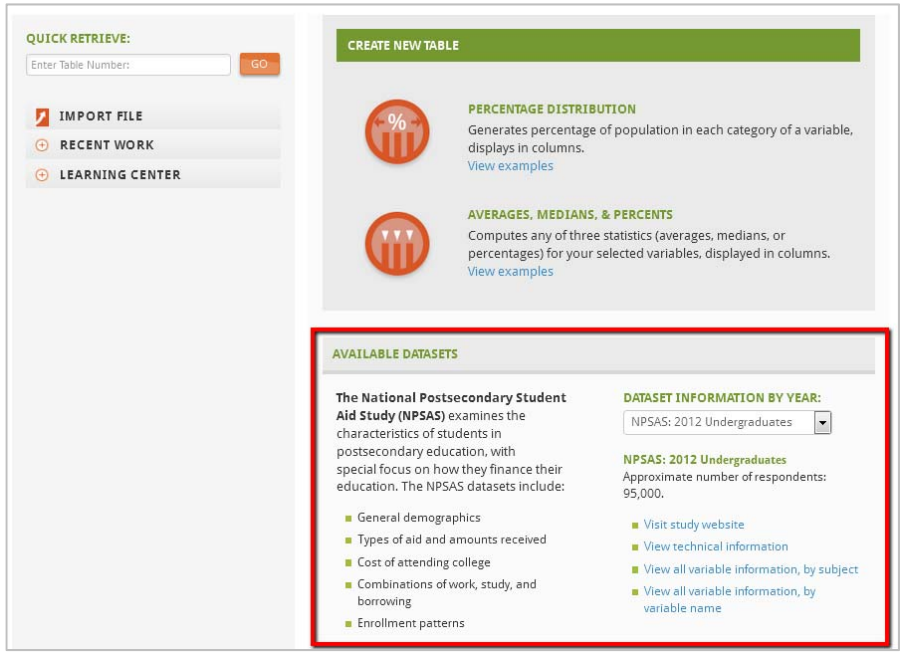
NOTE
If a dataset contains more than one weight variable, you will be prompted to select one.

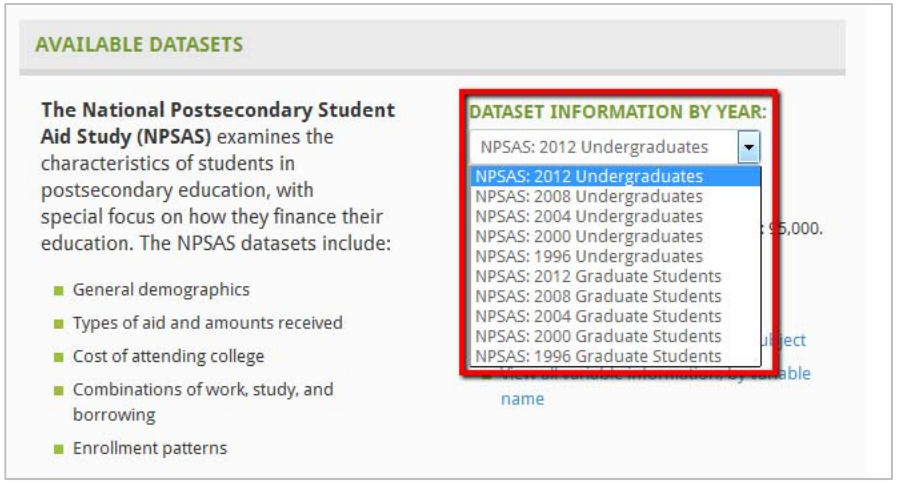


2. CHOOSE A GROUP OF STUDENTS, cont'd.

TIP
The *Available Datasets* section of the TrendStats homepage (below the *Create New Table* section) offers additional information about the individual surveys available in PowerStats.

To browse through the different individual survey years, expand the dropdown menu featured below the "Dataset Information By Year" heading.





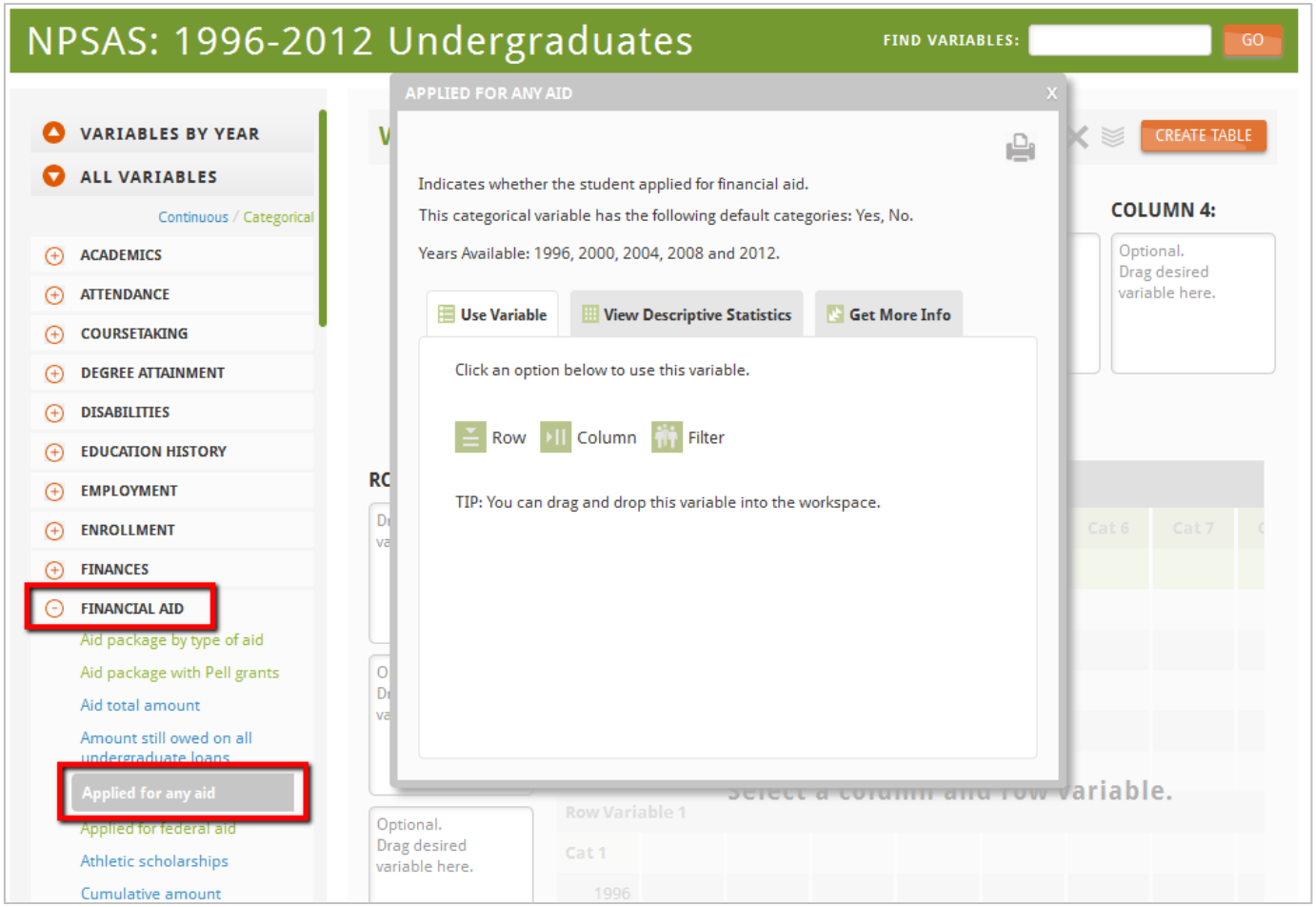
3. SELECT COLUMN VARIABLES

INSTRUCTIONS

1. Under All Variables, click ⊕ next to *Financial Aid* to expand the list of available variables.

2. Click *Applied for Any Aid*. The Variable Information window will appear.

NOTE
Applied for Any Aid is a categorical variable and is therefore shown in green, whereas continuous variables are shown in blue.



3. SELECT COLUMN VARIABLES: Variable Info Screen

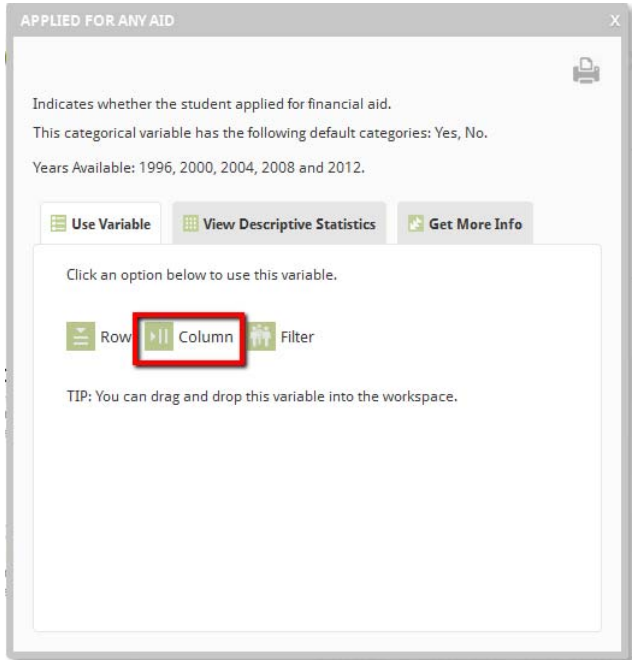
INSTRUCTIONS

1. Click *Column* to use *Applied for any Aid* as the column variable. Alternatively, you may drag and drop *Applied for any Aid* to the *Column 1* box in the Work Space to use the variable as a column variable. The Variable Usage Options screen will appear.

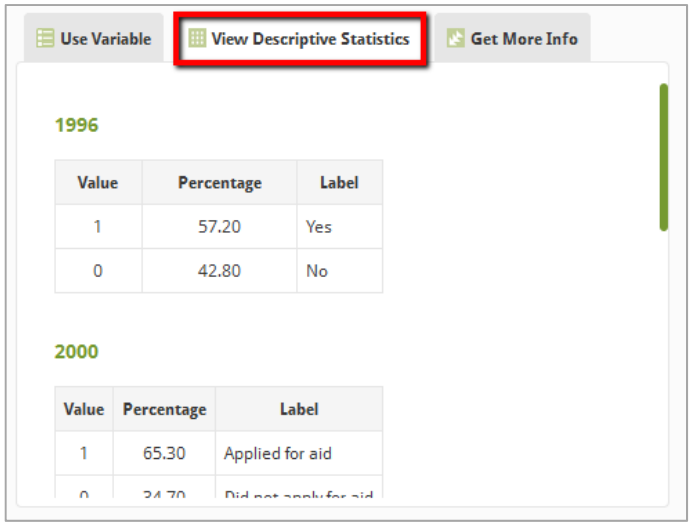
TIP

Click the *View Descriptive Statistics* tab and the *Get More Info tab* to see variable response distributions, variable notes, and variable sources.

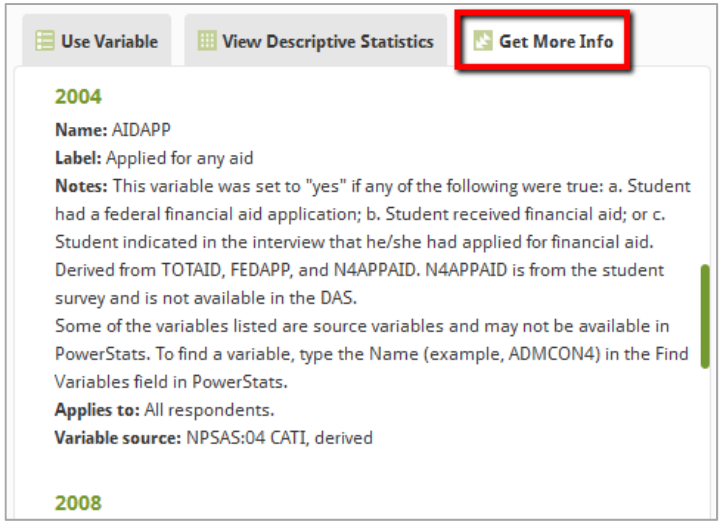
MAIN SCREEN



DESCRIPTIVE STATISTICS



MORE INFORMATION



3. SELECT COLUMN VARIABLE, cont'd.

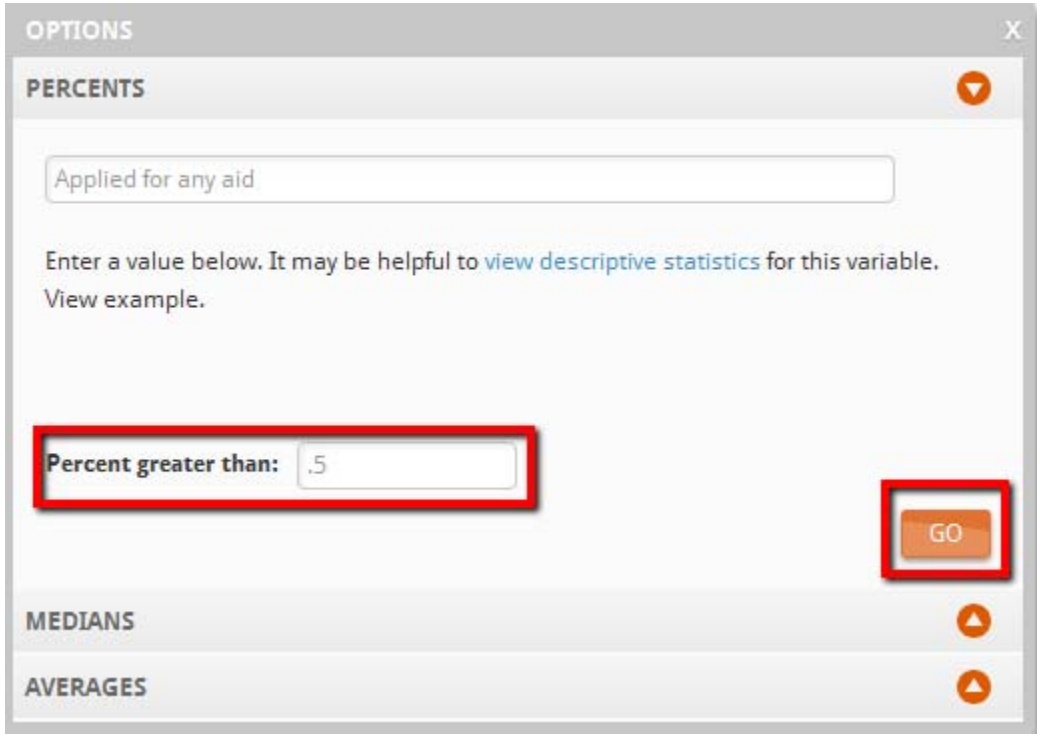
INSTRUCTIONS

1. Click beside the *Percents* banner to expand the Percent Greater Than options.

2. To determine the percentage of respondents receiving aid enter the value "0.5" into the box beside *Percent greater than.*

3. Click the GO button.

TIP
Use the *View Descriptive Statistics* link to find more details regarding your selected variable.



3. SELECT COLUMN VARIABLE, cont'd.

INSTRUCTIONS

1. Under All Variables, click ⊕ next to *Financial Aid* to expand the list of available variables.

2. Click *Aid Total Amount* or drag it into the *Column* 2 box. The Variable Information window will appear.

3. In the *Averages* section, which will be automatically selected, choose the "Without zeros" option.

4. Click the GO button.

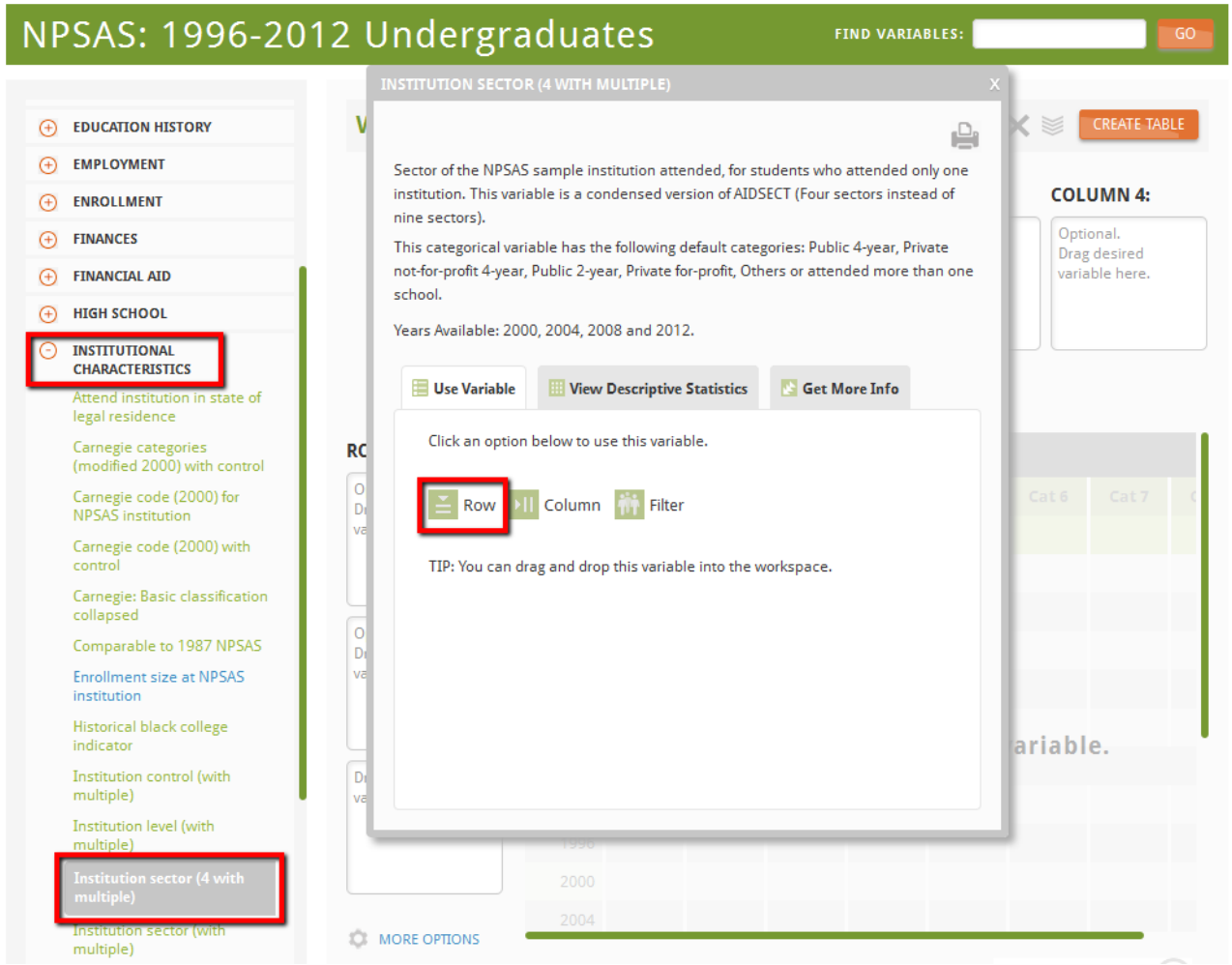
4. SELECT ROW VARIABLE

INSTRUCTIONS

1. Under All Variables, click ⊕ next to *Institutional Characteristics* to expand the list of available variables.

2. Click *Institution sector (4 with multiple)*, and the Variable Information window will appear. From there select the *Row* button. Alternatively, click and drag *Institution sector (4 with multiple)* into the top Rows box.

3. Once the variable has been added to the Rows section of the workspace, the *Options* screen will appear.



4. SELECT ROW VARIABLE, cont'd.

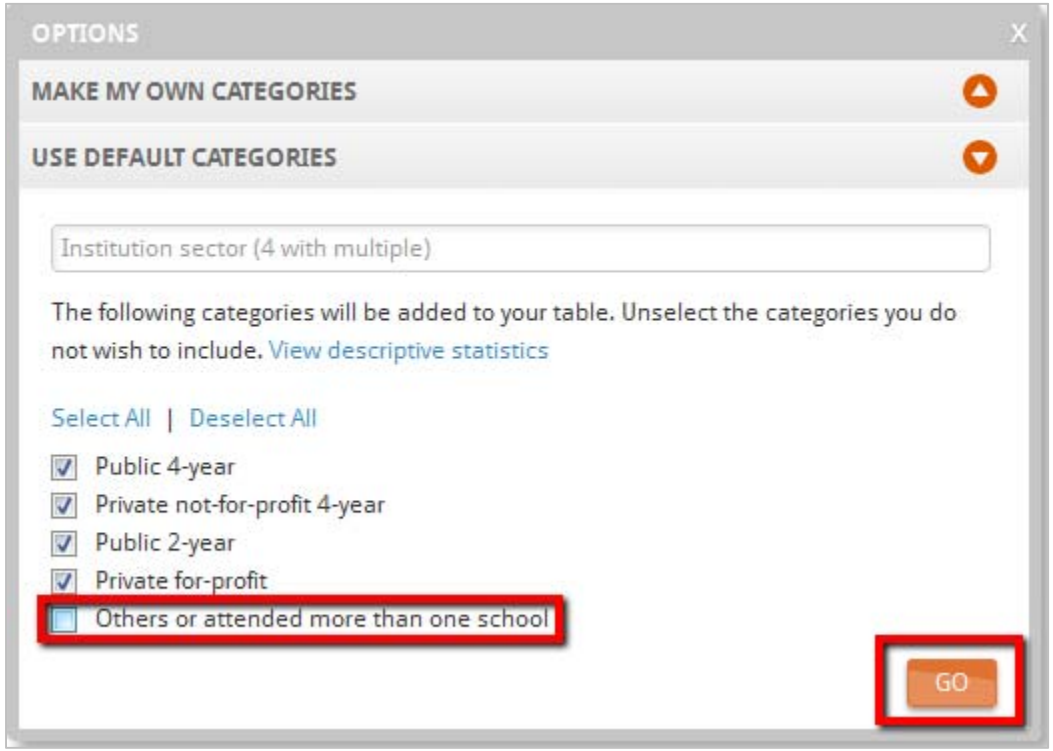
INSTRUCTIONS

1. The *Options* window will open to show the *Use Default Categories* section.

2. All available categories will be automatically selected. Deselect "Others or attended more than one school" to omit that category from your analysis.

3. Click the GO button.

TIP
Use the *Make My Own Categories* option to combine categories into custom categories.

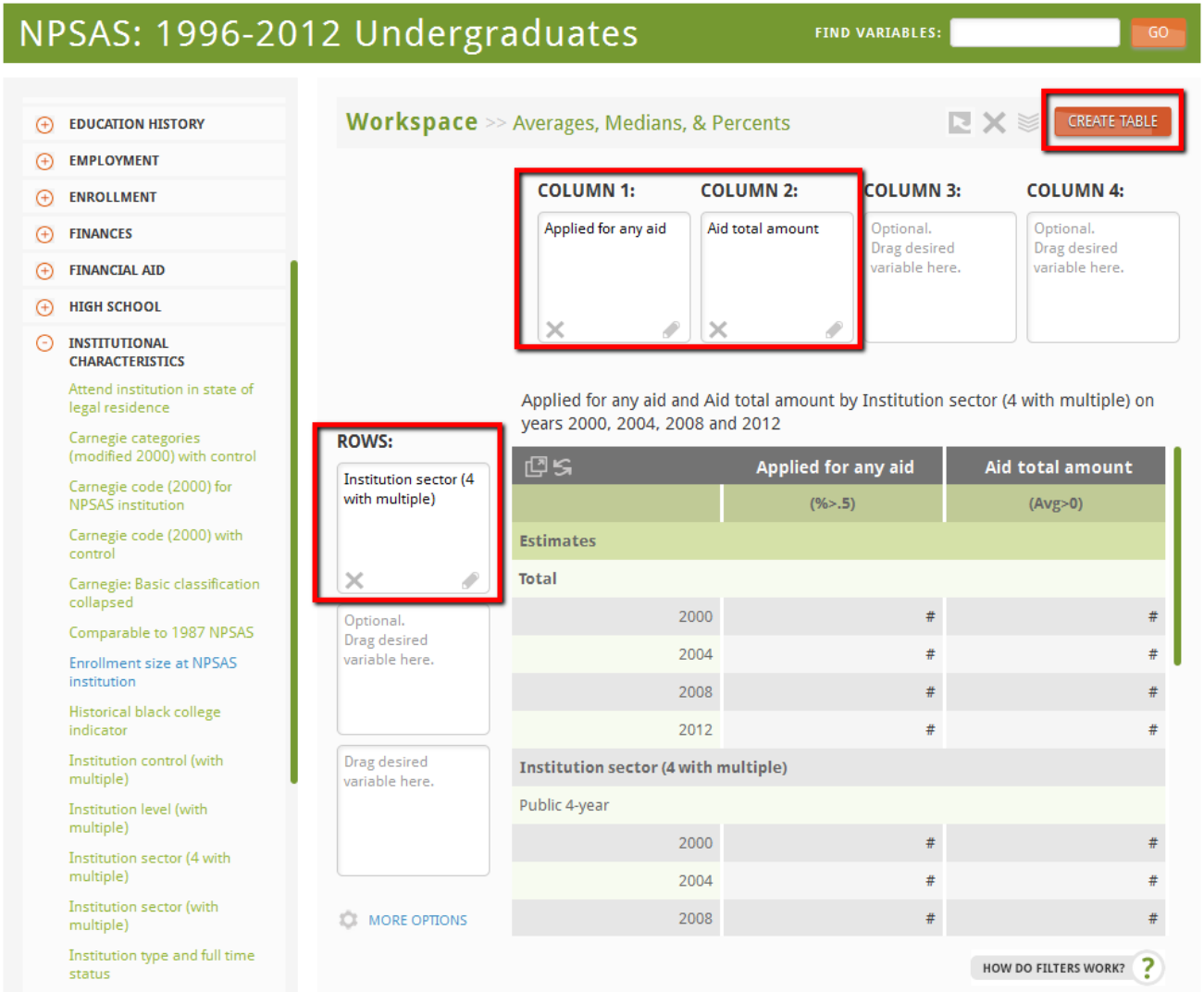


5. RUN YOUR TABLE

INSTRUCTIONS

1. Once your columns and rows are populated, click the "Create Table" button.

TIP
You must have at least one column variable and one row variable to create a table.



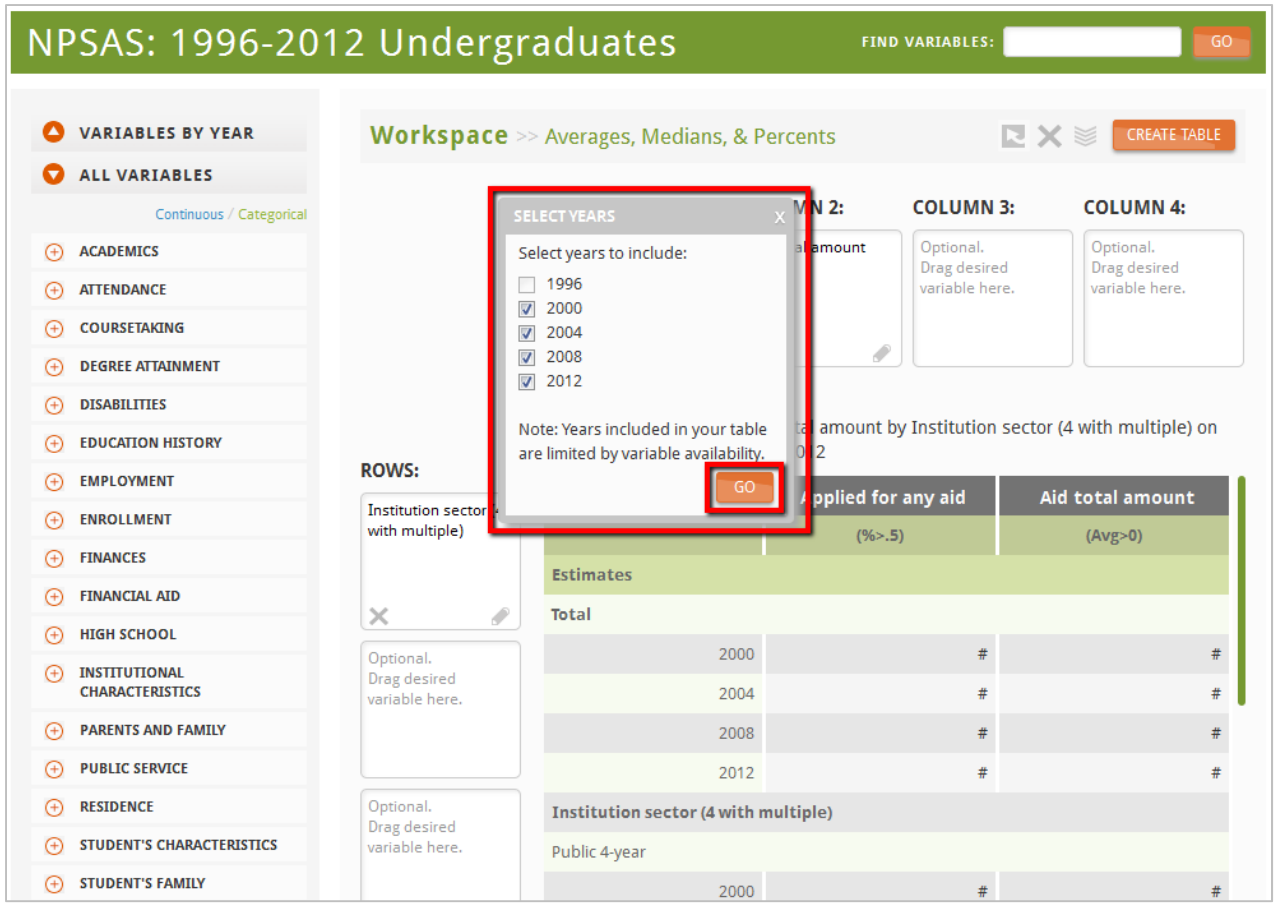
5. RUN YOUR TABLE, cont'd.

INSTRUCTIONS

1. Select the years you want to include in your analysis from the list of available years by selecting the corresponding checkbox.

2. Click the GO button.

TIP
Not all variables in TrendStats are available for every survey year, thus years available are limited by variable availability.



5. RUN YOUR TABLE, cont'd.

Your finished table is now ready.

You may view Standard Errors, Confidence Intervals, or a Printer-Friendly Version of the table by selecting any corresponding options under *View*.

You may Save the Table at NCES, Download as CSV, Download as Excel, or Download Table Specifications by selecting the corresponding options listed under *Save.*

You may share the table with a friend by selecting *Email to Friend* under *Share.*

NPSAS: 1996-2012 Undergraduates

VIEW

Estimates Only

Estimates & Standard Errors

Estimates & Confidence Intervals

Printer-Friendly Version

SAVE

SHARE

Estimates Only

Edit Table | Edit Table Title | Create New Table | T-Test Tool

ADJUST FOR INFLATION: CALENDAR YEAR ACADEMIC YEAR Select year

Applied for any aid with (Percent>.5) and Average>0 Aid total amount by Institution sector (4 with multiple) on years 2000, 2004, 2008 and 2012 (Estimates not adjusted for inflation).

	Applied for any aid	Aid total amount
	(%>.5)	(Avg>0)
Estimates		
Total		
2000	65.3	6,036.5
2004	74.1	7,039.8
2008	73.6	9,021.1
2012	80.1	10,775.8
Institution sector (4 with multiple)		
Public 4-year		
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Private not-for-profit 4-year		
2000	82.1	11,482.6
2004	88.1	12,817.2
2008	88.1	17,378.0
2012	89.5	22,488.0

6. ADJUST ESTIMATES FOR INFLATION

TrendStats allows users to adjust estimates for inflation when dollar-value variables have been selected in your analysis. Users may adjust based on Calendar Year or Academic Year

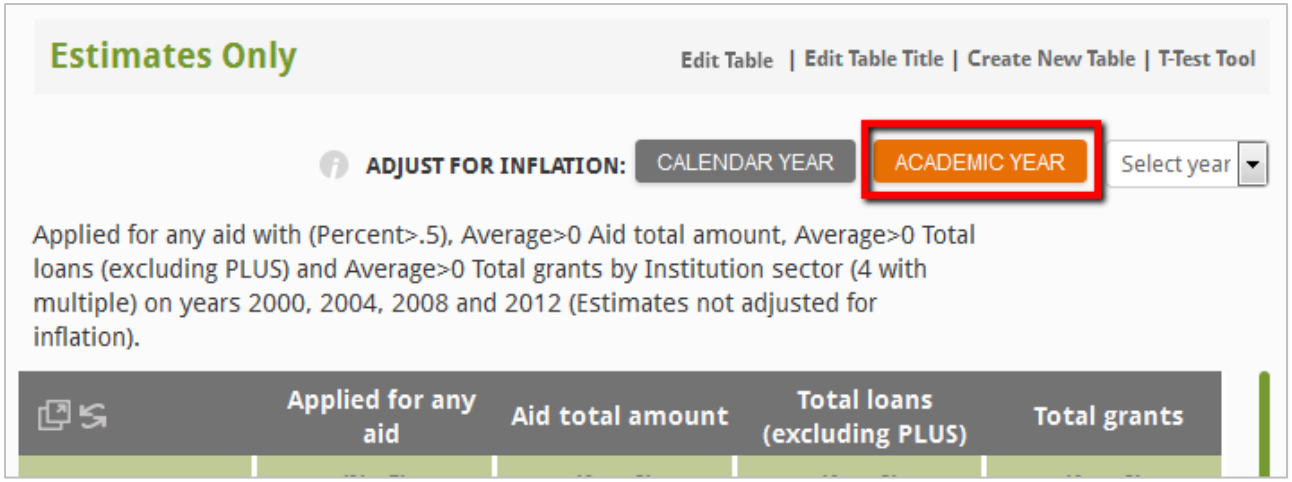
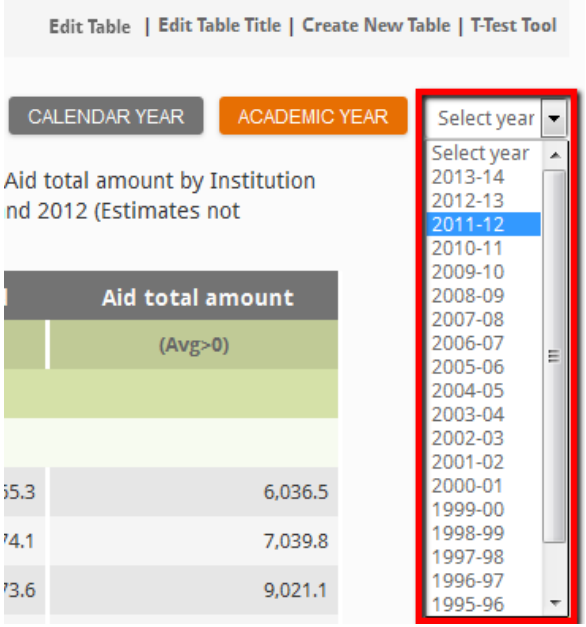
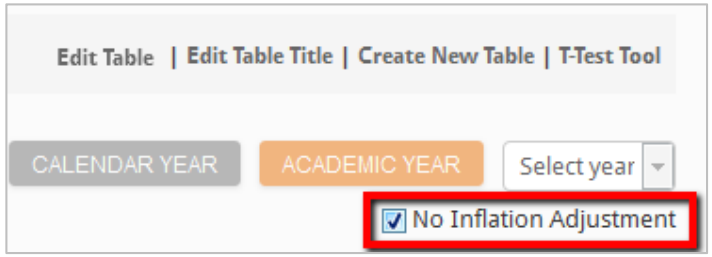
To adjust estimates for inflation using the 2011-12 Calendar Year follow the instructions below.

INSTRUCTIONS

1. Select the *Academic Year* button from the top-right section of the output screen

2. In the dropdown menu marked "Select Year," scroll down until you see "2011-12," and then select that year.

3. The estimates in your table will now be adjusted to reflect your chosen inflation adjustments. Your table title will reflect this adjustment as well.

4. To turn off the inflation adjustments, mark the checkbox listed beside the *No Inflation Adjustment* text.

TIP
Only continuous variables that measure dollar-values can be adjusted for inflation.