



Productivity Funding Dashboard Guide

The following guide aids in running and understanding the information that the Productivity Funding Argos dashboard returns. The dashboard is located within the Argos reporting tool which can be accessed here: <https://it.uca.edu/banner/>. The dashboard provides credentials, credits at completion, and time to degree productivity funding metric information based on Arkansas Department of Higher Education (ADHE) year. The figures come from census data reported to ADHE. University definitions can be found here: <https://uca.edu/ir/enrollment-definitions/>.

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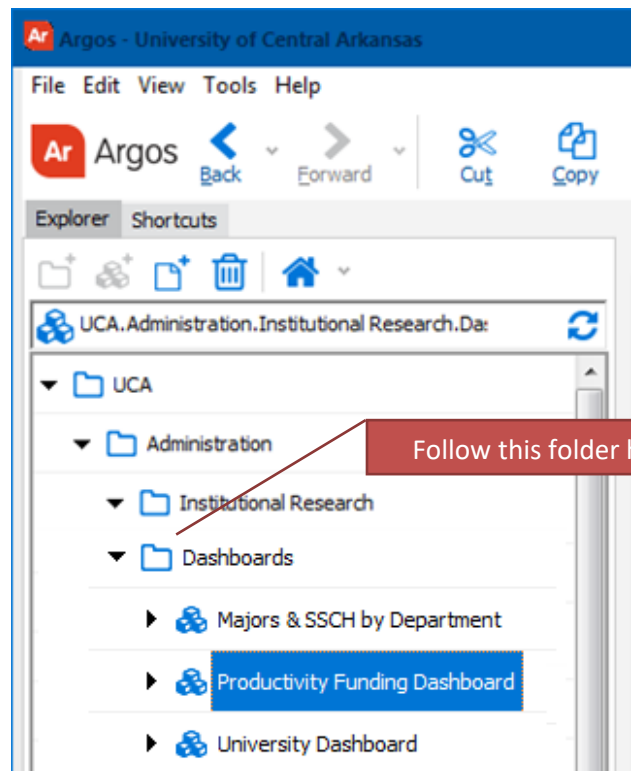
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I. Locating and Accessing the Dashboard

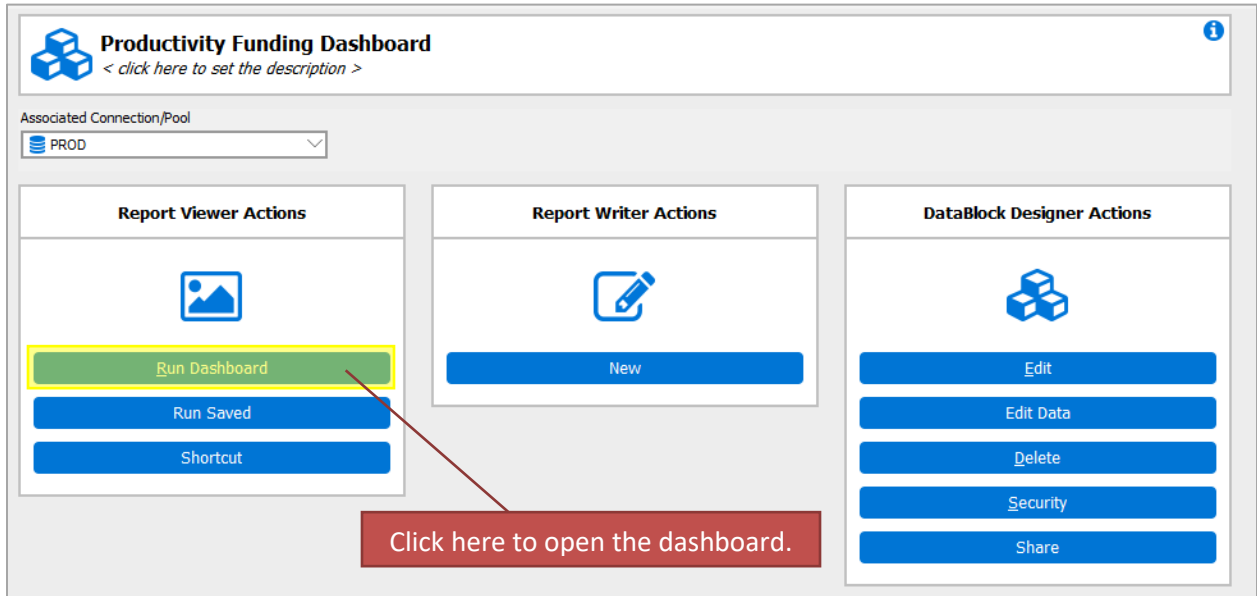
To locate the report, navigate to Argos from <https://it.uca.edu/banner/>. Click the “Argos Production” hyperlink as highlighted below and then log in.

Banner Links Page		
Banner Links		
Internet Native Banner (INB) Production Database [PROD] Test Database [TEST] Pre-Production Database [PPRD] Convert Database [CONV]	Self-Service Banner (SSB) Production Database [PROD] Test Database [TEST] Pre-Production Database [PPRD] Conversion Database [CONV]	Operational Data Store ODS Metadata EDW Metadata Admin Interface [ODST] Admin Interface [ODSP]
BossCars Parking & Traffic System Production Database [PROD] Test Database [TEST] Pre-Production Database [PPRD]	AppWorx AppWorx Production AppWorx Development	eVisions Argos Production FormFusion Production IntelleCheck Production Argos Development FormFusion Development IntelleCheck Development

The report is located at *UCA.Administration.Institutional Research.Dashboards.Majors & SSCH by Department*. Navigate through the folder hierarchy to find the report.

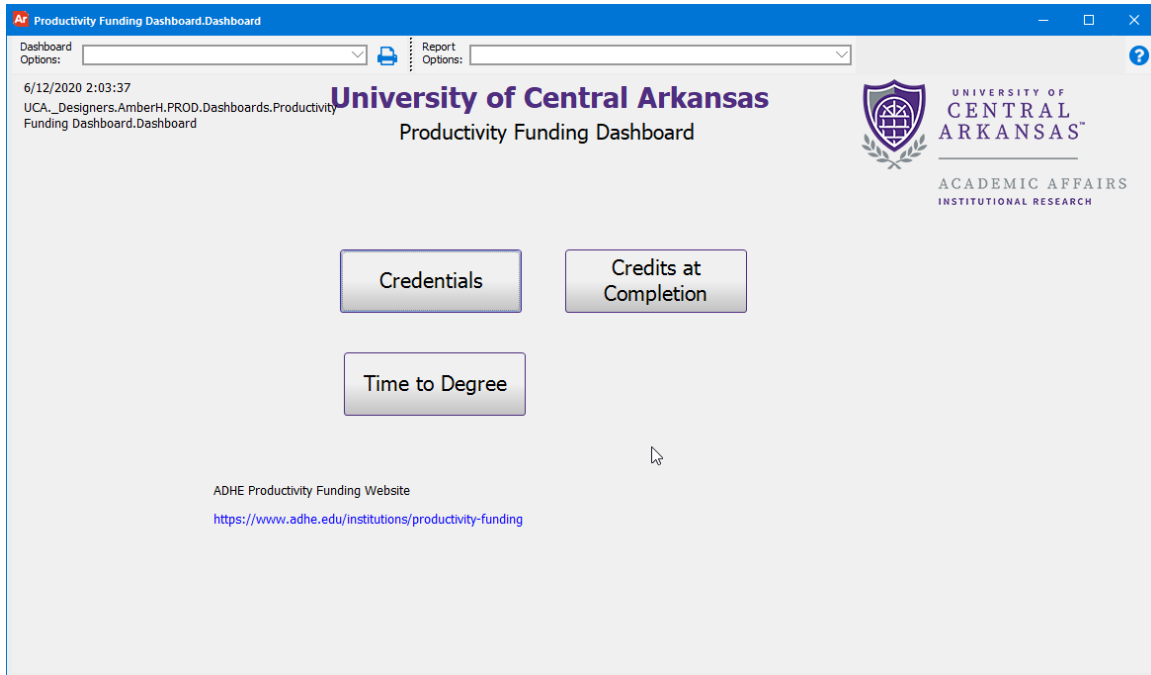


The following screen will appear to the right of the navigation tree. Click the “Run Dashboard” button to see the dashboard.



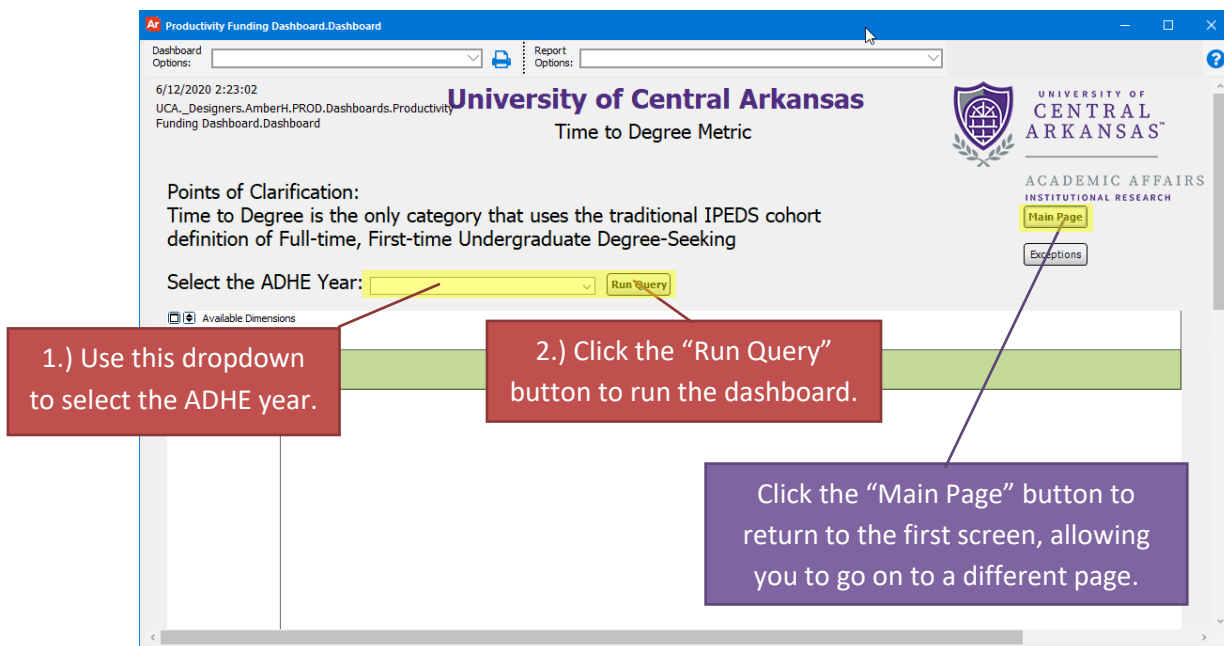
II. Running the Dashboard

After clicking the “Run Dashboard” button, the dashboard’s main page will appear.



Clicking on a button will take you to the specific page. All pages request the user to input the same variable (ADHE year) before data will be displayed. The process for running the report for each page is the same and is shown below.

Note: ADHE years correspond closely with fiscal years. The year goes from Summer II to Summer I. For example, ADHE year 2015 includes: Summer II 2014, Fall 2014, Spring 2015 and Summer I 2015.



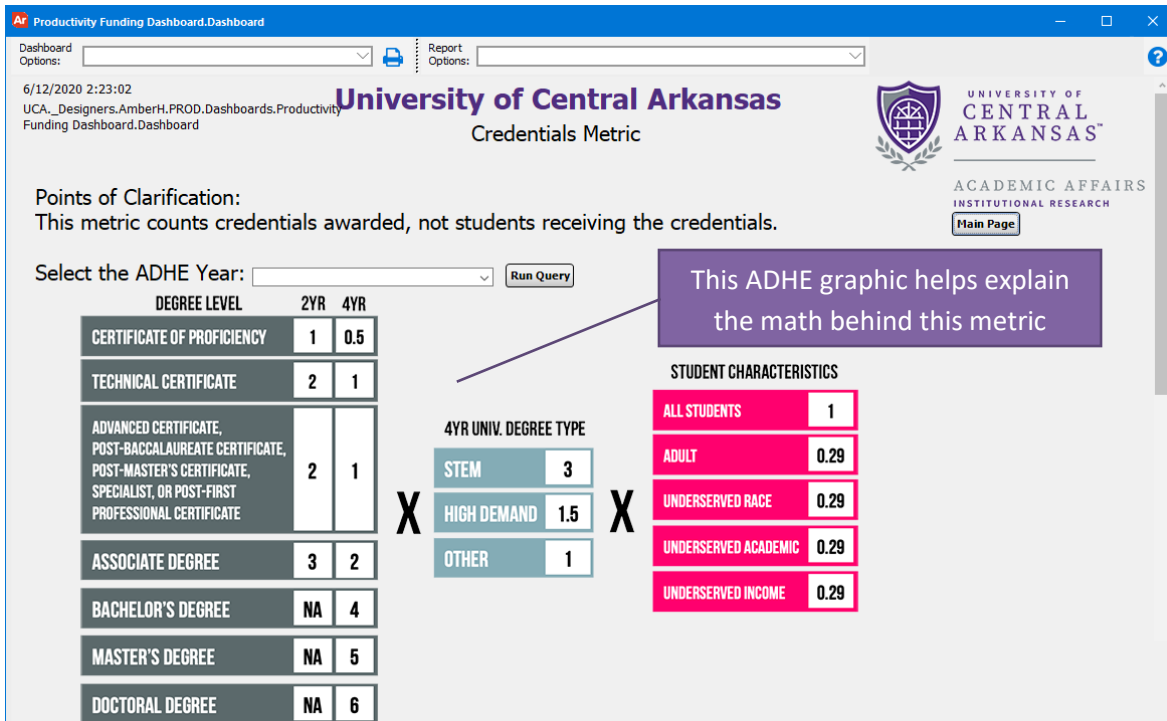
III. Interpreting the Dashboard

For more information on productivity funding please visit:
<https://www.adhe.edu/institutions/productivity-funding>.

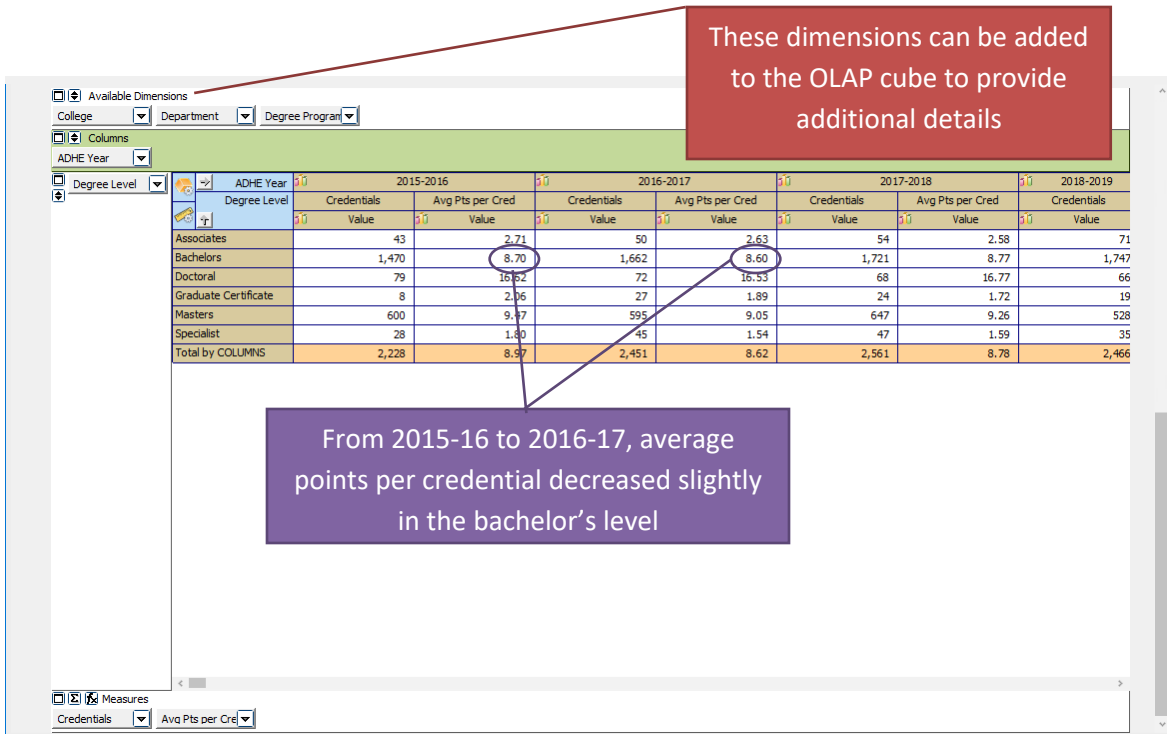
For a detailed explanation of productivity funding metrics see:
https://static.ark.org/eeuploads/adhe/Productivity_Funding_Formula_Specifications_-_Year_2.pdf

A. Credentials

The Credentials metric is 32% of the productivity funding model. ADHE compares baseline points to comparative points, but we have developed an internal metric, average points per credential, to help UCA determine if the average points generated by each credential are possibly increasing, decreasing, or staying around the same amount.



[Continued on the next page]



(See Section IV. Manipulating OLAP Cubes for more directions on using OLAP cubes.)

B. Credits at Completion

The credits at completion metric is 10% of the productivity funding model. ADHE compares baseline points to comparative points, but we have developed an internal metric, average points per credential, which can be viewed in the top OLAP cube of this page. This metric will help you determine if the average points generated by each credential are possibly increasing, decreasing, or staying around the same amount.

The bottom OLAP cube lets you see if the hours earned for a credential fits into one of the point categories (On Schedule, On Schedule+10% and On Schedule+25%) or does not generate points (Other).

University of Central Arkansas
Credits at Completion Metric

This report has data protected by FERPA. Releasing this data to the public or other non-school officials would be a VIOLATION OF FEDERAL LAW. For guidance on releasing this data, please contact the Office of Institutional Research.

Select the ADHE Year: 2018-2019

Available Dimensions
College: Department: ADHE Year: Degree Level: Student: Avg Pts per Cred:

ADHE Year	2015-2016	2016-2017	2017-2018	2018-2019
Degree Level	Student	Avg Pts per Cred	Student	Avg Pts per Cred
Associates	43	0.19	50	0.10
Bachelors	1470	0.48	1662	0.52
Total by COLUMNS	1513	0.47	1712	0.54

From 2015-16 to 2016-17, average points per credential increased slightly in the bachelors level

Definitions of On Schedule, +10% and +25% can be found on the side of each OLAP cube

Available Dimensions
College: Department: ADHE Year: Degree Level: Credits at Completion: Student:

ADHE Year	2015-2016	2016-2017	2017-2018	2018-2019
Degree Level	Student	Student	Student	Student
Associates	43	50	54	71
Bachelors	1470	1662	1721	1747
On Schedule	111	169	199	263
On Schedule +10%	443	535	593	643
On Schedule +25%	523	581	581	510
Other	393	389	350	331
Total by COLUMNS	1513	1712	1775	1818

The number of students graduating On Schedule is increasing each year

Click here to see degree programs given exceptions to these credit limits

On Schedule: (1 point)
Associate, 60 hours
Bachelors, 120 hours

On Schedule + 10%: (0.875 point)
Associate, 61-66 hours
Bachelors, 121-132 hours

On Schedule + 25%: (0.4 point)
Associate, 67-75 hours
Bachelors, 133-150 hours

On Schedule: (1 point)
Associate, 60 hours
Bachelors, 120 hours

On Schedule + 10%: (0.875 point)
Associate, 61-66 hours
Bachelors, 121-132 hours

On Schedule + 25%: (0.4 point)
Associate, 67-75 hours
Bachelors, 133-150 hours

(See [Section IV. Manipulating OLAP Cubes](#) for more directions on using OLAP cubes.)

C. Time to Degree

The time to degree metric is 10% of the productivity funding model. ADHE compares baseline points to comparative points, but we have developed an internal metric, average points per credential, which can be viewed in the top OLAP cube. This metric will help you determine if the average points generated by each credential are possibly increasing, decreasing, or staying around the same amount.

Time to degree is the only category that uses the traditional IPEDS cohort definition of full-time, first-time undergraduate degree-seeking. The bottom OLAP cube lets you see if the time taken to earn a credential fits into one of the point categories (On Time, On Time+25% and On Time+50%) or does not generate points (Other).

University of Central Arkansas
Time to Degree Metric

Points of Clarification:
Time to Degree is the only category that uses the traditional IPEDS cohort definition of Full-time, First-time Undergraduate Degree-Seeking

Select the ADHE Year: 2018-2019

OLAP Cube 1: Average Points per Credential

ADHE Year	Degree Level	2015-2016		2016-2017		2017-2018	
		Student	Avg Pts per Cred	Student	Avg Pts per Cred	Student	Avg Pts per Cred
	Associates	31	0.30	37	0.35	37	0.43
	Bachelors	917	0.80	1,091	0.84	1,131	0.85
	Total by COLUMNS	948	0.75	1,128	0.82	1,168	0.84

From 2015-16 to 2016-17, average points per credential increased slightly in the bachelors level

Definitions of On Time, +25% and +50% can be found on the side of each OLAP cube

- On Time: (1 point)
Associate, 24 months
Bachelors, 48 months
- On Time + 25%: (0.875 point)
Associate, 25-30 months
Bachelors, 49-60 months
- On Time + 50%: (0.4 point)
Associate, 31-36 months
Bachelors, 61-72 months

OLAP Cube 2: Time to Degree

ADHE Year	Degree Level	Time to Degree	2015-2016	2016-2017	2017-2018	2018-2019
			Student	Student	Student	Student
	Associates		31	37	37	48
	Bachelors		917	1,091	1,131	1,118
		On Time	479	618	720	685
		On Time +25%	258	297	240	236
		On Time +50%	78	86	88	90
		Other	102	90	83	107
	Total by COLUMNS		948	1,128	1,168	1,166

The number of credentials earned On Time increased from 2016-17 to 2017-18

Definitions of On Time, +25% and +50% can be found on the side of each OLAP cube

- On Time: (1 point)
Associate, 24 months
Bachelors, 48 months
- On Time + 25%: (0.875 point)
Associate, 25-30 months
Bachelors, 49-60 months
- On Time + 50%: (0.4 point)
Associate, 31-36 months
Bachelors, 61-72 months

(See [Section IV. Manipulating OLAP Cubes](#) for more directions on using OLAP cubes.)

IV. Manipulating OLAP Cubes

OLAP stands for Online Analytical Processing. OLAP cubes are data structures that allow the end user to configure (“slice and dice”) the same data into many different views. They are designed to aid in decision-making and better understanding of information. Similar to pivot tables within Excel, the end user can add/remove variables (dimensions) as well as filter and sort the data to drill down into the details or generalize to see the big picture.

Note: For a more comprehensive explanation of OLAP Cubes please refer to the Argos In-Product Help Guide: [Argos Report Viewer Guide](#)

A. Sorting

Click the +/- symbol to expand/contract the information

Click the vertical or horizontal arrows to sort the rows/columns ascending or descending

Program	Fall 2012			Fall 2013	Fall 2014	Fall 2015	Fall 2016	Total by ROWS
	Gender		Male	Students	Students	Students	Students	Students
	Students	Female	Students	Value	Value	Value	Value	Value
BBA-Accounting	115	61	54	222	238	247	210	1,032
BBA-Business Administration	78	28	50	248	238	319	354	1,237
BBA-Economics				26	26	33	29	121
BBA-Finance				96	124	129	135	534
BBA-Innovation and Entrepreneurship				49	48	63	70	230
BBA-Insurance & Risk Management				51	38	36	50	189
BBA-Management				145	163	187	195	750
BBA-Management Information Systems				118	142	141	136	588
BBA-Marketing	62	30	32	161	158	197	197	775
BS-Economics	12	5	7	22	22	11	9	76
BS-Information Systems	0	0	0	0	0	0	27	27
MACC-Accounting	12	10	2	14	9	13	13	61
Total by COLUMNS	522	200	322	1,234	1,294	1,474	1,536	6,060

B. Adding/Removing Dimensions

Editing the dimensions of the OLAP cube allows the user to view the data grouped in different ways. In the following example, the OLAP cube first displays Accounting department majors by Fall term. Dragging and dropping the necessary dimensions edits the OLAP cube to display the data split out by race/ethnicity and gender for each Fall term.

Drag and drop dimensions from the available dimensions area to the columns or rows area to add dimensions.

Drag and drop dimensions from the columns or rows area to the available dimensions area to remove dimensions.

ADHE_Term	Program	Students	Value
Fall 2012	BBA-Accounting	115	
	MACC-Accounting	12	14 9 13 13 61
	Total by COLUMNS	127	236 247 260 223 1,093

This is what the OLAP cube looks like after moving the gender and race dimensions:

With the Gender dimension in the column area, the different gender categories are displayed horizontal along the top of the OLAP cube

With the Race dimension in the row area, the different race categories are displayed vertically along the left side of the OLAP cube

Totals (in orange) remain the same

ADHE_Term	Program	Race	Fall 2012		Fall 2013
			Female Students	Male Students	
	BBA-Accounting	American Indian/Alaskan Native	61	54	
		Asian	2	1	
		Black	14	5	
		Hispanic	2	1	
		NR/N/A	20	8	
		Native Hawaiian/Pacific Islander	0	0	1
		Two or more races	9	7	25
		Unknown	3	1	19
		White	163	131	672
	MACC-Accounting		9	13	61
	Total by COLUMNS		247	260	223 1,093

C. Filtering

Dimensions can be filtered to show only the user's chosen categories. A dimension **does not** need to be in the column and row areas to be filtered; it can be filtered from the available dimension area as well. For example, the user can click on the department dimension in the available dimensions area and filter it to show only enrollment for their department.

In the following example, the Race dimension is being filtered (the dimension has changed from a gray box to a red box). Within the dimension editor:

- The NR Alien category has been removed (red crossed circle to the left of the category).
 - This category will not be visible in the OLAP cube nor will it be displayed in the totals.
- The Unknown category has been changed to invisible (blue eye to the left of the category) in the dimension editor.
 - This category will not be visible in the OLAP cube but it *will* be displayed in the totals.
- All other categories were left with the default visible option (green eye to the left of the category) in the dimension editor.
 - These categories will be visible in the OLAP cube and will be displayed in the totals.

Program	ADHE_Term	Fall 2012	Fall 2013
BBA-Accounting	American Indian/Alaskan Native	2	1
	Asian	3	3
	Black	14	31
	Hispanic	2	6
	Native Hawaiian/Pacific Islander	0	1
	Two or more races	1	3
	White	66	145
	Totals	95	197

1) Click the down arrow next to the dimension to bring up the Dimension Editor menu

2) Click the green checkmark to save your selection

The green eye means that category is visible and included in the totals

The red crossed circle means that the category is not visible and not included in the totals

The blue eye means that category is not visible but is included in the totals

To see examples of filtering an OLAP refer to Argos YouTube videos:

<https://youtu.be/kYwXgRRcAuM>

<https://youtu.be/ALmaNsYLk7M> (starting at minute 1:30)

D. Exporting to Excel

After manipulating an OLAP cube, the data can be extracted to an Excel file for further manipulation or for adding into a report.

The Excel document will contain what is currently shown in the OLAP cube, including selected filters.

Right click anywhere within the OLAP cube to display the options menu. Choose Export to Excel

ADHE_Term	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Total by ROWS
Race	Students	Students	Students	Students	Students	Students
	Value	Value	Value	Value	Value	Value
American Indian/Alaskan Native	2	1	0	1	0	4
Asian	3	3	7	8	5	26
Black	14	31	32	40	24	141
Hispanic	2	6	8	9	16	41
Native Hawaiian/Pacific Islander	0	1	0	0	0	1
Two or more races	1	3	9	5	7	25
White	66	145	163	167	131	672
Total by COLUMNS	95	197	222	231	184	929

The OLAP cube data will display in Excel exactly as it was displayed in the OLAP cube within Argos. The OLAP cube does not import as an image but as a general data format so that it can be manipulated further in Excel as needed.

ADHE_Term	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Total by ROWS
Race	Students	Students	Students	Students	Students	Students
	Value	Value	Value	Value	Value	Value
American Indian/Alaskan Native	2	1	0	1	0	4
Asian	3	3	7	8	5	26
Black	14	31	32	40	24	141
Hispanic	2	6	8	9	16	41
Native Hawaiian/Pacific Islander	0	1	0	0	0	1
Two or more races	1	3	9	5	7	25
White	66	145	163	167	131	672
Total by COLUMNS	95	197	222	231	184	929