



Enrollment by Time/ Day Dashboard Guide

The following guide provides assistance in running and understanding the information that the 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 information on classes in buildings and times within the building.

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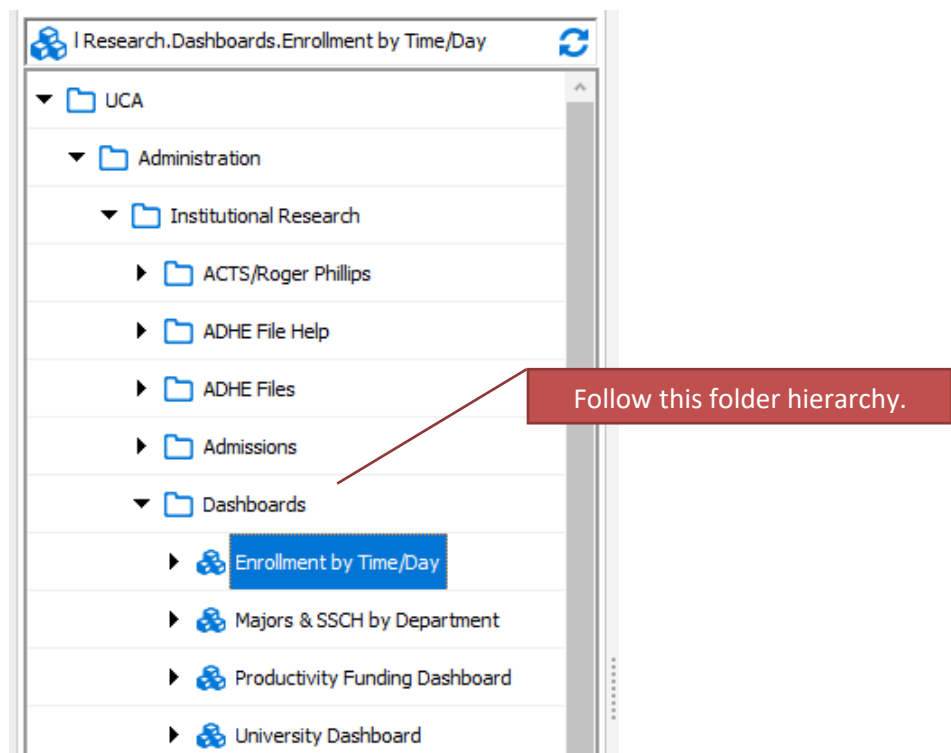
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I. Locating and Accessing the Dashboard

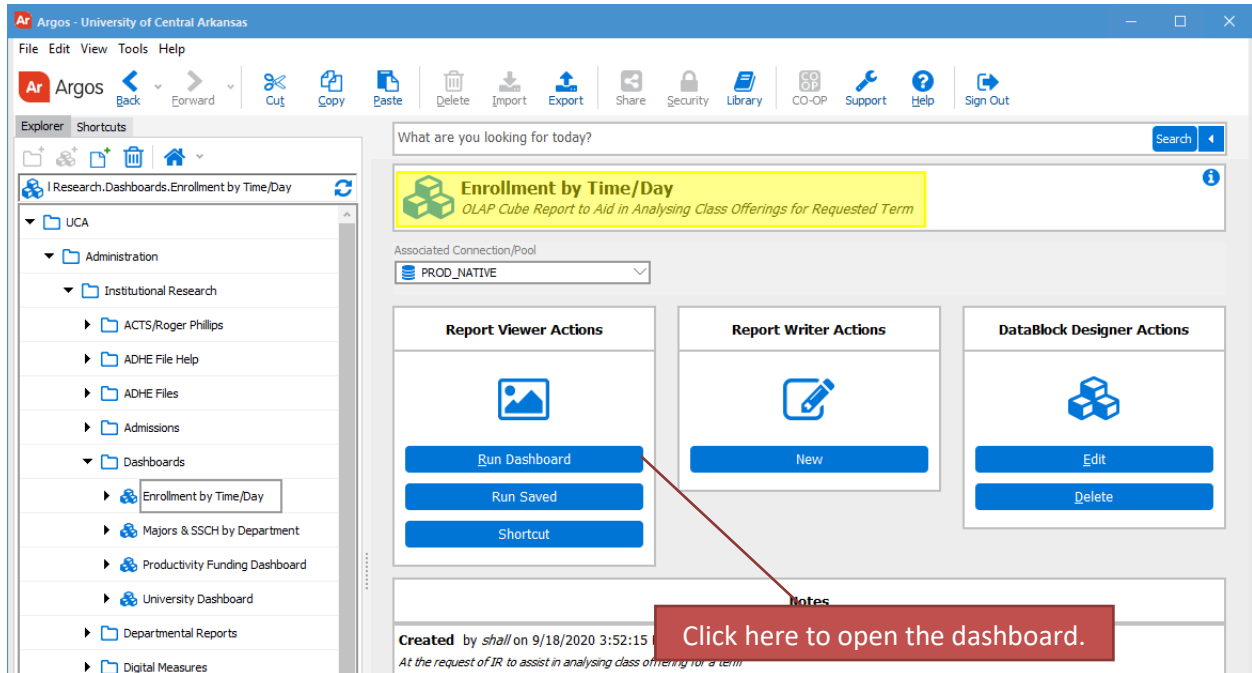
To locate the report navigate to Argos from <https://it.uca.edu/banner/>. Click the “Argos Production” hyperlink as highlighted below and then log in.

Banner 9		Banner 8 Self-Service	
Admin Pages Admin Pages [PROD] Admin Pages [TEST] Admin Pages [PPRD] Admin Pages [CONV]	Direct Access Production Database [PROD] Test Database [TEST] Pre-Production Database [PPRD] Conversion Database [CONV]	Single Sign-on Production Database [PROD] Test Database [TEST] Pre-Production Database [PPRD] Conversion Database [CONV]	
Banner Communication Management Communication Management [PROD] Communication Management [PPRD] Communication Management [CONV]			
Banner 9 Self-Service		AppWorx	eVisions
General [PROD] General [PPRD]	Faculty [PROD] Faculty [PPRD]	AppWorx Client Installation	Argos Production FormFusion Production IntelleCheck Production
Student [PROD] Student [PPRD]	Finance [PROD] Finance [PPRD]		eVisions Application Launcher
Student Registration [PROD] Student Registration [PPRD]	Employee [PROD] Employee [PPRD]		Argos Development FormFusion Development IntelleCheck Development
BossCars Parking & Traffic System		Banner Access Management (IT Only)	
Production Database [PROD] Pre-Production Database [PPRD]		Access Management [PROD] Access Management [TEST] Access Management [PPRD]	

The report is located at *UCA.Administration.Institutional Research.Dashboards.Enrollment by Time/Day*. 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.

10/19/2020 11:19:52 AM

UCA Administration, Institutional Research, Dashboards, Enrollment by Time/Day, Dashboard

University of Central Arkansas
Enrollment by Time/Day

Select Term:

This report is run from Banner's live database.

Run Query

Available Dimensions

Columns

Measures

III. Interpreting the Dashboard

The dashboard excludes high school concurrent courses and courses that are taught via the instructional method of DEAS and DEEV.

Available Dimensions

CRN Building Room Part of Term Course Subject(Prefix) Instructional_Me Type_Days BeginTime EndTime Level

College Dept

Columns

Class days

Class days	Total by ROWS		
	CRN	Max_Seats	Enrollment
[Null]	Value 512	Value 3,370	Value 1,494
F	103	1,392	867
M	164	2,186	1,825
MF	5	20	111
MR	1	10	6
MTWR	3	250	50
MTWRF	15	196	190
MW	197	3,580	2,645
MWF	685	15,688	12,318
P	105	1,750	1,690

ClassTime

You can filter dimensions by clicking the dropdown (See the example on the next page)

Available dimensions (variables) can be moved to the horizontal green “Column” space above the OLAP or to the vertical white “ROW” space to the left of the OLAP to change what data is visible

A. Dimension Definitions

Class days	The class days grouped together for one type. If a course meets in two different types, then there will be two class day entries.
Call Time	The time of a course from beginning to end. Possible Options: 0600-0850,0800-0850
CRN	The CRN of a course.
Building	This shows which building a course is in. Possible Options: Arkansas Hall, College of Business Building
Room	This shows an exact room assigned to a course. Possible Options: BURD 301, BEAR 106, LAN 105
Part of Term	This will show a course's part of term. Possible Options: 1, 1H, 2H
Course	This will show the courses by subject code and course number. Possible Options: ACAD 1300, MATH 1390, ACCT 2310
Subject (Prefix)	This will show courses by prefix so that you might could group only certain courses together. Possible Options: ACAD, MATH, HIST
Instructional_Method	Options: DESY, HYBR,HYEV, OTHER, TRAD
Type_Days	This is to show the activity type and the days. For example, if a course has lecture (LECT) and a lab (LAB), you can see which occurs on which day. Possible Options: LECT-MWF, LAB-F, WEB-M
BeginTime	Begin time of class. This is to help see when there might be a high traffic.
EndTime	End time of class. This is to help see when there might be a high traffic.
Level	Options: UG_Lower, UG_Upper, GR
College	This is the college the course is in.
Department	This is the department the course is in.

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:
http://webhelp.evisions.com/HelpFiles/Argos/5.3/en/Default.htm#Report%20Viewer%20Guide/OLAP.htm%3FTocPath%3DUser%2520Guides%7CReport%2520Viewer%2520Guide%7COLAP%2520Data%2520Cubes%7C_____0

A. Sorting

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

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

Program	ADHE_...	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Total by ROWS		
	Gender	Female	Male						
	Program	Students	Students	Students	Students	Students	Students		
	Value	Value	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

Measures: Students

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	222
Fall 2012	MACC-Accounting	12	14
Fall 2012	Total by COLUMNS	127	236

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

ADHE_Term	Gender	Fall 2012	Fall 2012	Fall 2012	Fall 2012
ADHE_Term	Gender	Students	Female	Male	Students
ADHE_Term	Gender	Value	Value	Value	Value
Fall 2012	BBA-Accounting	115	61	54	222
Fall 2012	American Indian/Alaskan Native	2	2	0	4
Fall 2012	Asian	3	2	1	6
Fall 2012	Black	14	9	5	31
Fall 2012	Hispanic	2	1	1	6
Fall 2012	NR Alien	20	12	8	25
Fall 2012	Native Hawaiian/Pacific Islander	0	0	0	0
Fall 2012	Two or more races	9	5	7	25
Fall 2012	Unknown	3	1	1	9
Fall 2012	White	163	167	131	672
Fall 2012	MACC-Accounting	9	13	13	61
Fall 2012	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.

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

Program	ADHE_Term	Students	Students
		Value	Value
BBA-Accounting		95	197
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
		7	10
		102	207

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 (OLE)

Race	ADHE_Term			Students		
	Fall 2012	Fall 2013	Fall 2014	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			
Native Hawaiian/Pacific Islander	0	1	0			
Two or more races	1	3	9			
White	66	145	163			
Total by COLUMNS	95	197	222			

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	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