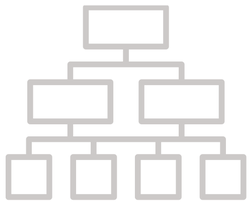
DATA EXPLORATION SERIES

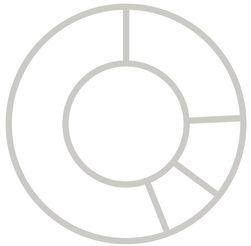
University Analytics & Institutional Research

EXPLORE ARIZONA THROUGH DATA

Introduction to the Activity Informed Budgeting Dashboard

OVERVIEW





- Introduction
- AIB introduction
- Dashboard design and layout
- Intended use cases
- Questions
- Conclusion

ACKNOWLEDGEMENTS | Today's Panelists

UAIR

- Christopher Cherry, IT Training & Support Specialist
- Abraham "AB" Silva, Program Manager
- Silvana Velasquez, Business Intelligence Developer
- Eddie Caratachea, Assistant Director, Administrative Reporting and Analytics

Office of Budget & Planning

- Sabah Currim, Manager, Data and Development
- Ravindra "Ravi" Bhat, Developer, Application/Database

Who We Are & What We Do

UAIR is committed to providing data that empowers campus decision makers, informs policy and practice, and tells the Arizona story.

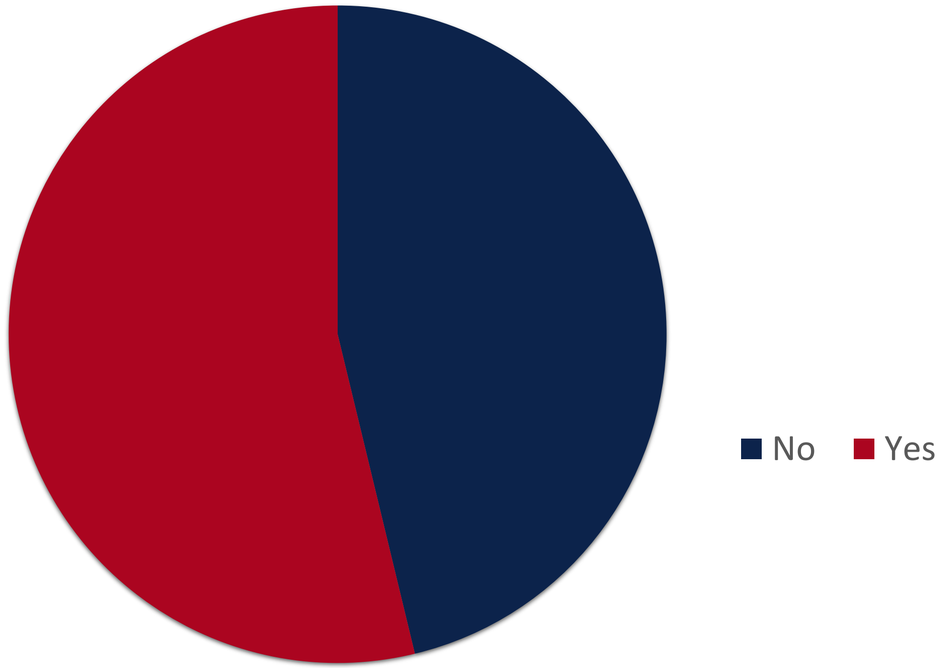
- Data Warehouse
- UAccess Analytics & Reporting
- External Reporting & Rankings
- Interactive Fact Book
- Customer Experience & Support
- Data Science
- System Performance

WELCOME | Who is here today?

What is your experience with UAccess Analytics?

63% Intermediate
21% Advanced
16% No experience or Novice

Have you attended a DES before?



What do you want to know?

How can the dashboard can be used in the All Funds Budget Planning Process?

Which filters are best for obtaining data for Summer Session; UA Online etc?

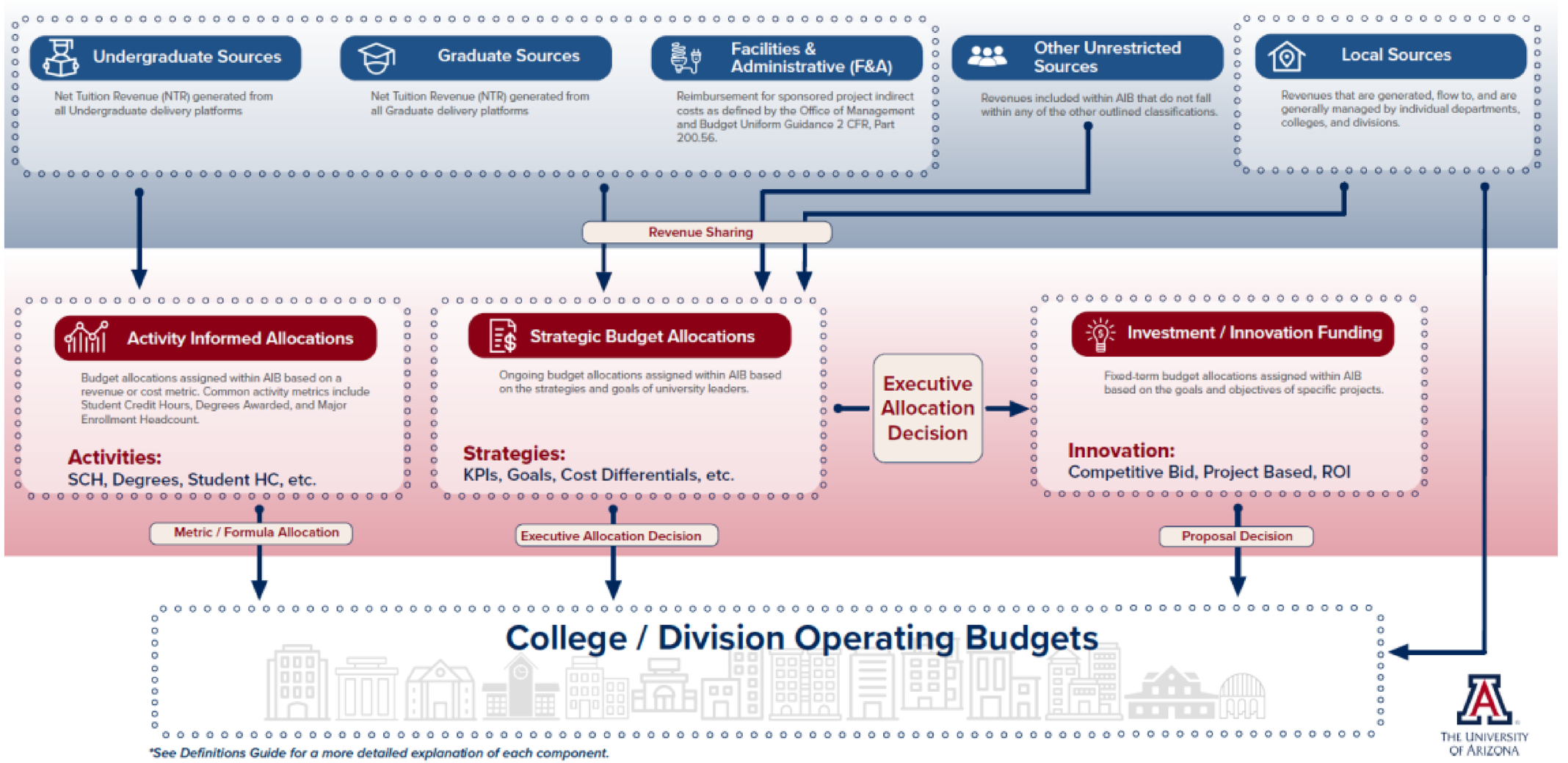
Is it possible to analyze the data sets in the AIB dashboard?

Can we look at AIB per instructor? SCH translated to total revenue or dollar amounts?

I would like more information on the AIB Dashboard.

Activity Informed Budgeting (AIB)

AIB Visual Aid



*See Definitions Guide for a more detailed explanation of each component.

AIB Functional Model

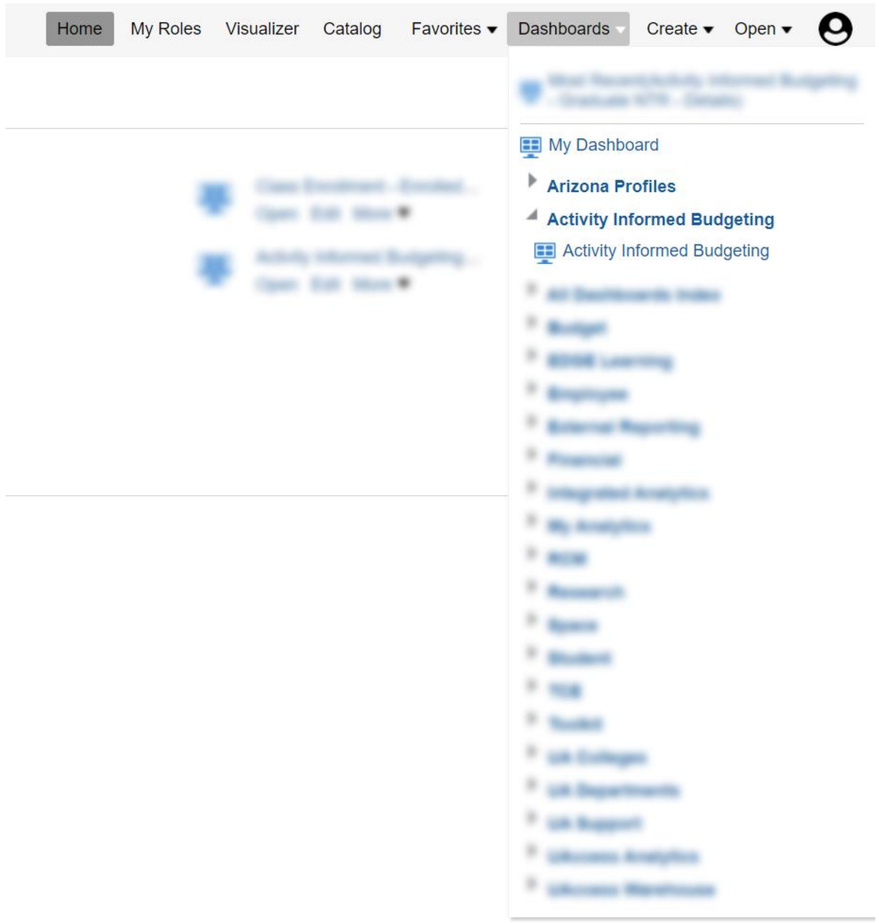
[redacted] Metrics, KPIs, & Goals

	FY20	FY21	FY22	FY23	FY24	FY25
Activity Metrics						
Undergrad On Campus Gen Ed SCH[1]	23,705	20,744	22,016	*21,711*	*22,145*	*22,809*
Undergrad On Campus Non-Gen Ed SCH	27,075	24,722	26,329	*26,535*	*27,066*	*27,878*
Undergrad Summer/Winter SCH	2,657	2,277	1,866	*1,750*	*1,750*	*1,750*
Undergrad Online SCH	1,647	1,857	2,165	*3,235*	*4,271*	*5,637*
Undergrad Distance SCH	45	12	84	*40*	*40*	*40*
Undergrad Global Direct SCH	-	162	99	-	-	-
Undergrad On Campus Degrees	282	266	246	*272*	*278*	*283*
Undergrad Online Degrees	-	-	-	-	-	-
Undergrad Distance Degrees	-	-	-	-	-	-
Undergrad Global Direct Degrees	-	-	-	-	-	-
Undergrad On Campus Enrollment	2,506	2,392	2,576	*2,539*	*2,561*	*2,584*
Undergrad Summer/Winter Enrollment	414	377	347	*285*	*285*	*285*
Undergrad Online Enrollment	-	1	41	*50*	*50*	*50*
Undergrad Distance Enrollment	-	2	-	-	-	-
Undergrad Global Direct Enrollment	-	1	-	-	-	-
Grad On Campus SCH	5,203	4,307	4,878	*4,900*	*4,900*	*4,900*
Grad Summer/Winter SCH	41	19	17	*25*	*25*	*25*
Grad Online SCH	15	12	30	-	-	-
Grad Distance SCH	-	-	-	-	-	-
Grad Global Direct SCH	-	-	-	-	-	-
Grad On Campus Enrollment	488	414	443	*445*	*445*	*445*
Grad Summer/Winter Enrollment	12	9	4	*10*	*10*	*10*
Grad Online Enrollment	-	-	-	-	-	-
Grad Distance Enrollment	-	-	-	-	-	-
Grad Global Direct Enrollment	-	-	-	-	-	-
F&A Earnings	10,791	15,311	11,323	-	-	-

- Functional model can be found on the AIB website
- Backtrace and validate the data found here in the AIB Dashboard
- Use the dashboard to gain additional context about the data
- Black text signifies actual amounts, blue is projections
- Only actuals are in UAccess Analytics

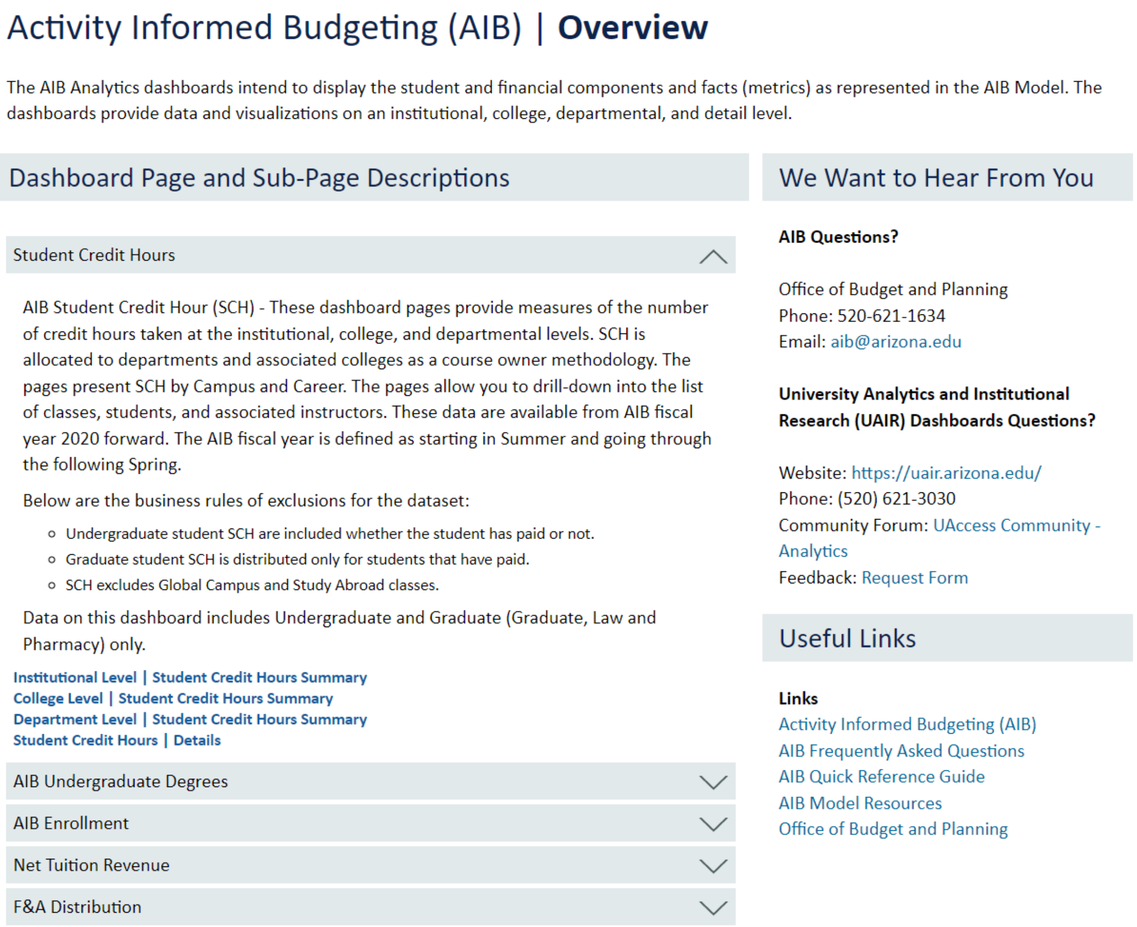
AIB Dashboard Basics

Navigating to the dashboard



- Click on Dashboards
- Under “Activity Informed Budgeting” NOT “Budget”
- Activity Informed Budgeting (AIB)--Medium

Overview Page



Activity Informed Budgeting (AIB) | **Overview**

The AIB Analytics dashboards intend to display the student and financial components and facts (metrics) as represented in the AIB Model. The dashboards provide data and visualizations on an institutional, college, departmental, and detail level.

Dashboard Page and Sub-Page Descriptions

Student Credit Hours

AIB Student Credit Hour (SCH) - These dashboard pages provide measures of the number of credit hours taken at the institutional, college, and departmental levels. SCH is allocated to departments and associated colleges as a course owner methodology. The pages present SCH by Campus and Career. The pages allow you to drill-down into the list of classes, students, and associated instructors. These data are available from AIB fiscal year 2020 forward. The AIB fiscal year is defined as starting in Summer and going through the following Spring.

Below are the business rules of exclusions for the dataset:

- Undergraduate student SCH are included whether the student has paid or not.
- Graduate student SCH is distributed only for students that have paid.
- SCH excludes Global Campus and Study Abroad classes.

Data on this dashboard includes Undergraduate and Graduate (Graduate, Law and Pharmacy) only.

Institutional Level | Student Credit Hours Summary
College Level | Student Credit Hours Summary
Department Level | Student Credit Hours Summary
Student Credit Hours | Details

AIB Undergraduate Degrees

AIB Enrollment

Net Tuition Revenue

F&A Distribution

We Want to Hear From You

AIB Questions?

Office of Budget and Planning
Phone: 520-621-1634
Email: aib@arizona.edu

University Analytics and Institutional Research (UAIR) Dashboards Questions?

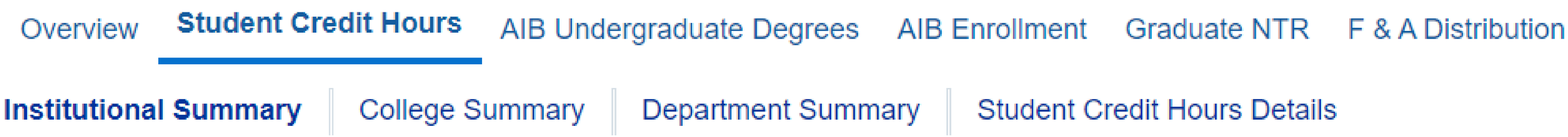
Website: https://uair.arizona.edu/
Phone: (520) 621-3030
Community Forum: UAccess Community - Analytics
Feedback: Request Form

Useful Links

Links
Activity Informed Budgeting (AIB)
AIB Frequently Asked Questions
AIB Quick Reference Guide
AIB Model Resources
Office of Budget and Planning

- Summary of each page and links to subpages
- Relevant business rules of exclusions
- Contact information for OBP and UAIR
- Links to useful AIB resources

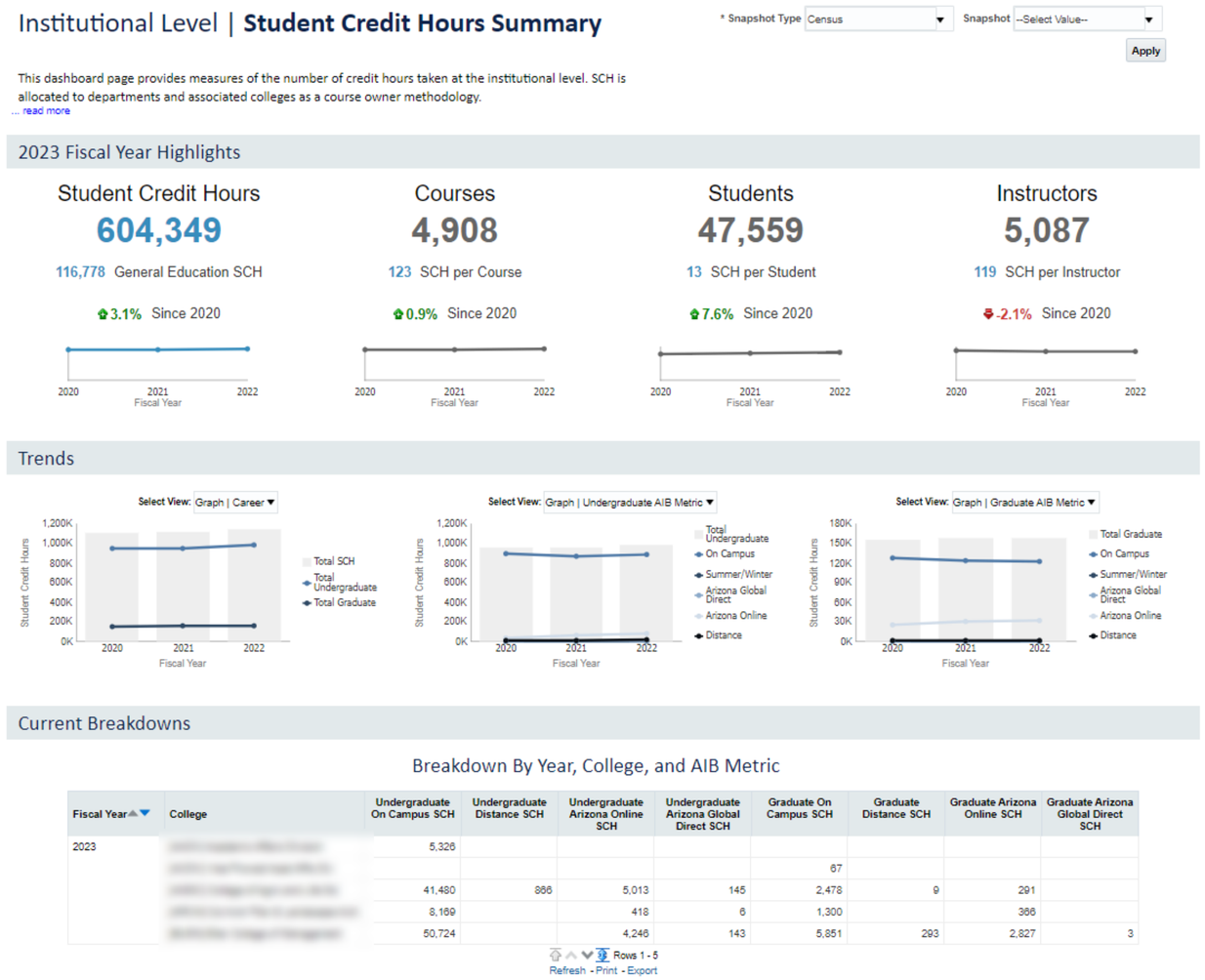
Standard Structure



All pages except for Graduate NTR follow the same structure

- Institutional Summary
- College summary
- Department Summary
- Details

Standard Structure



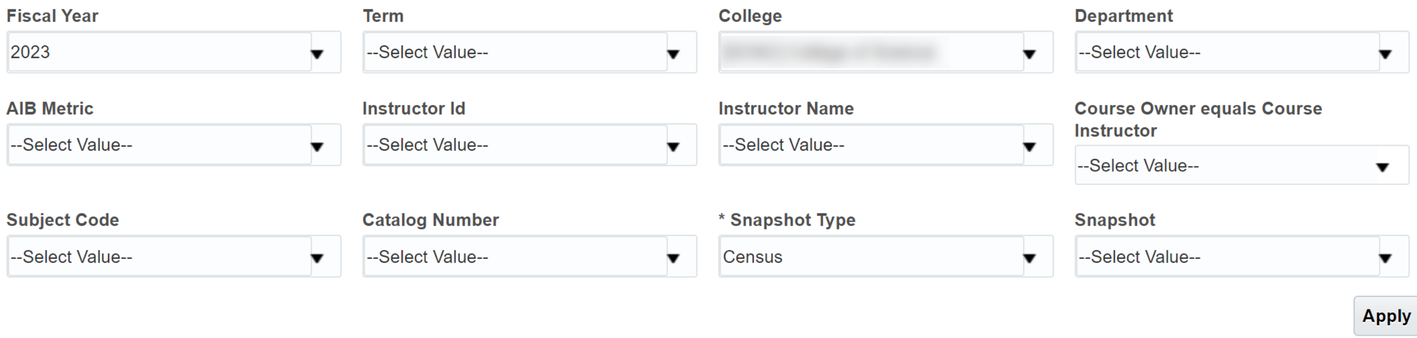
All summary pages contain

- Fiscal Year Highlights
- Trends
- Breakdowns

Standard Structure

Student Credit Hours | **Details**

This dashboard page provides measures of the number of credit hours taken at the detail level.
SCH is allocated to departments and associated colleges as a course owner methodology.
... read more

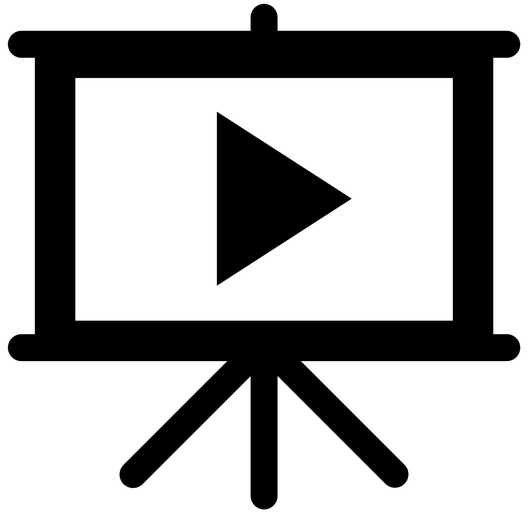


Details pages offer the most customization and granularity

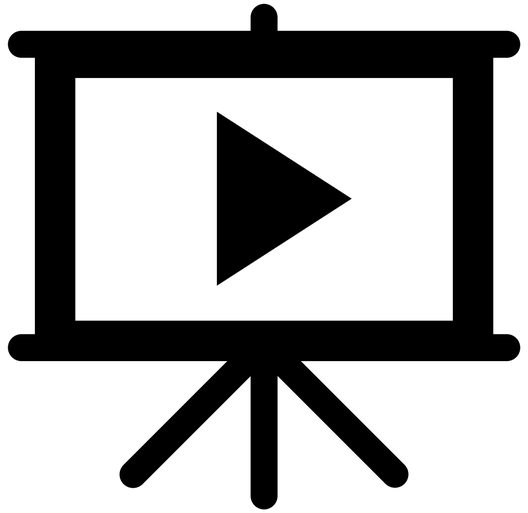
Filter Choices

- Use “Term End” to view the most up to date data for the selected snapshot
- Use “Census” for planning and benchmarking

SCH Video

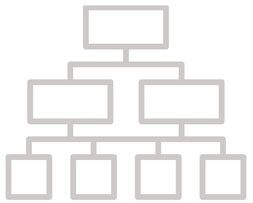


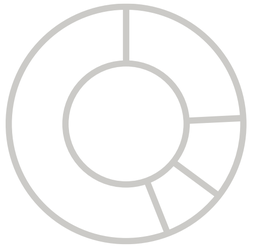
NTR Video



How do all the departments contribute to your college's Undergrad Online SCH?

Functional Model





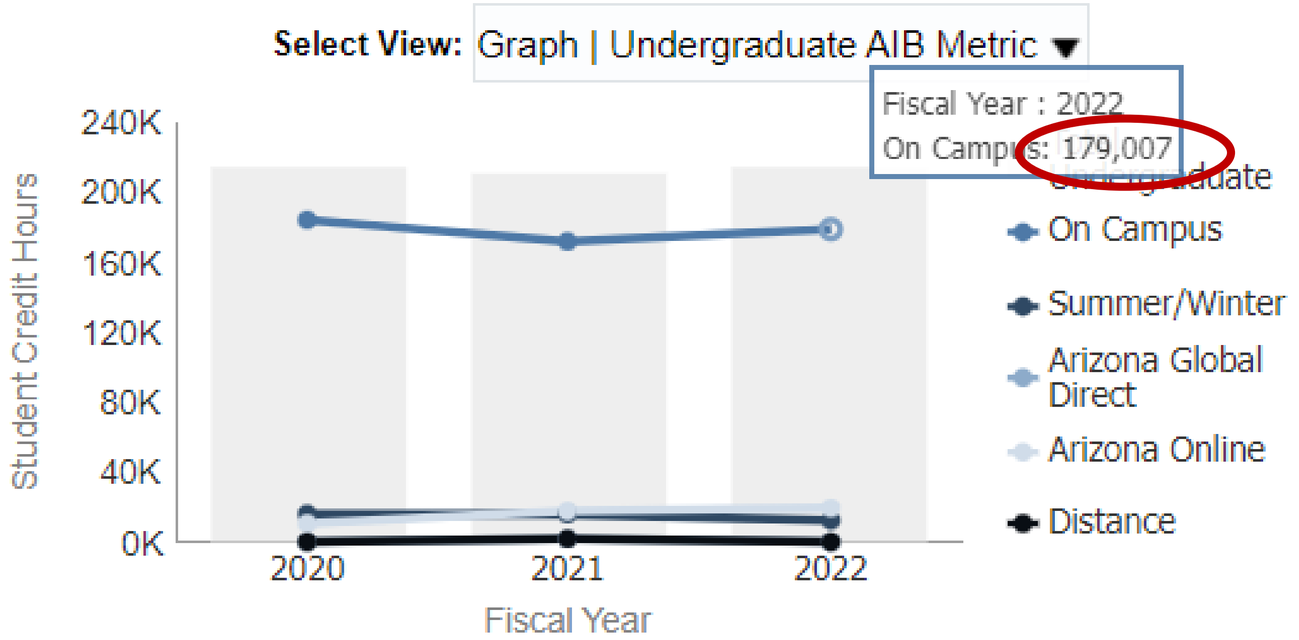
	FY20	FY21	FY22	FY23	FY24	FY25
Activity Metrics						
Undergrad On Campus Gen Ed SCH[1]	2,256	2,898	3,183	*4,079*	*4,160*	*4,243*
Undergrad On Campus Non-Gen Ed SCH	12,554	13,019	12,434	*11,702*	*11,936*	*12,175*
Undergrad Summer/Winter SCH	1,070	1,141	1,117	*1,139*	*1,162*	*1,185*
Undergrad Online SCH	1,633	2,390	2,346	*2,655*	*2,708*	*2,762*
Undergrad Distance SCH	-	3	3	-	-	-
Undergrad Global Direct SCH	-	39	66	*69*	*73*	*76*
Undergrad On Campus Degrees	187	187	193	*128*	*130*	*133*
Undergrad Online Degrees	19	27	24	*18*	*19*	*19*
Undergrad Distance Degrees	-	-	-	-	-	-
Undergrad Global Direct Degrees	-	-	-	-	-	-
Undergrad On Campus Enrollment	1,504	1,369	1,200	*1,225*	*1,250*	*1,275*
Undergrad Summer/Winter Enrollment	390	353	294	*309*	*315*	*322*
Undergrad Online Enrollment	203	307	330	*336*	*342*	*349*
Undergrad Distance Enrollment	-	-	-	-	-	-
Undergrad Global Direct Enrollment	-	-	5	-	-	-
Grad On Campus SCH	5,959	5,830	5,637	*5,630*	*5,743*	*5,858*
Grad Summer/Winter SCH	169	131	125	*129*	*131*	*134*
Grad Online SCH	4,822	3,976	4,041	*4,131*	*4,214*	*4,298*
Grad Distance SCH	-	-	-	-	-	-
Grad Global Direct SCH	-	-	-	-	-	-
Grad On Campus Enrollment	599	562	551	*560*	*571*	*583*
Grad Summer/Winter Enrollment	98	60	49	*54*	*55*	*56*
Grad Online Enrollment	671	553	574	*612*	*624*	*637*
Grad Distance Enrollment	-	-	-	-	-	-
Grad Global Direct Enrollment	-	-	-	-	-	-
F&A Earnings	3,216,500	3,743,217	6,581,579	*6,713,210*	*4,500,000*	*4,590,000*

Breakdown By Year, Department, and AIB Metric

Fiscal Year	Department	Undergraduate Summer/Winter SCH	Undergraduate On Campus SCH	Undergraduate Distance SCH	Undergraduate Arizona Online SCH	Undergraduate Arizona Global Direct SCH	Graduate Summer/Winter SCH	Graduate On Campus Non-Gen Ed SCH	Graduate On Campus Gen Ed SCH	Graduate Arizona Online SCH
2023	[redacted]	732		3	318	6				
	[redacted]	51			18					
	[redacted]	36			30					
2023 Total		**819**		**3**	**366**	**6**				
2022	[redacted]		27					27		
	[redacted]		2,959		210	3	25	2,304		1,237
	[redacted]	1,003	9,519	3	1,533	51	39	1,358	6	1,083
	[redacted]	60	2,435		354	3	54	1,550		1,437
	[redacted]	54	677		249	9	7	392		284
2022 Total		**1,117**	**15,617**	**3**	**2,346**	**66**	**125**	**5,631**	**6**	**4,041**
2021	[redacted]		37					24		
	[redacted]	58	3,008	3	216	3	29	2,493		1,080
	[redacted]	936	10,180		1,604	27	35	1,300		838
	[redacted]	111	2,480		405		57	1,642		1,620
	[redacted]	36	212		165	9	10	371		438
2021 Total		**1,141**	**15,917**	**3**	**2,39**	**39**	**131**	**5,830**		**3,976**

- Student Credit Hours->College Summary
- Enter the college in the dropdown
- Scroll down to Breakdown By Year, Department, and AIB Metric

How do you find a visualization of the last three years' undergraduate SCH for your department?



- Student Credit Hours->Department Summary
- Enter the department in the dropdown
- Scroll down to the Trends

Q&A

THE VALUE OF CUSTOMER EXPERIENCE

UAIR is here to provide ongoing customer experience, training, and support. We want the campus community to have the knowledge and the know-how to take full advantage of our products and services.

STILL WANT TO KNOW MORE?

TAKE ADVANTAGE OF OUR KNOWLEDGE. UAIR is here to enhance data literacy and customer experience for campus.

- **UAIR Newsletter**
  (the latest news straight from UAIR)
- **UAccess Analytics Training**
  (constantly updated modules and materials)
- **Analytics Office Hours**
  (visit with our staff to have your individual questions answered)
- **UAccess Community**
  (a community of users and resources)
- **Data Exploration Series**
  (ongoing data literacy presentations)

Visit our website for more information or to sign-up: https://uair.arizona.edu/

University Analytics
& Institutional Research

THANK YOU

Let us know how we did. Please take our survey!