Business Analytics PulseBI Guide

SPC – Institutional Research

Login

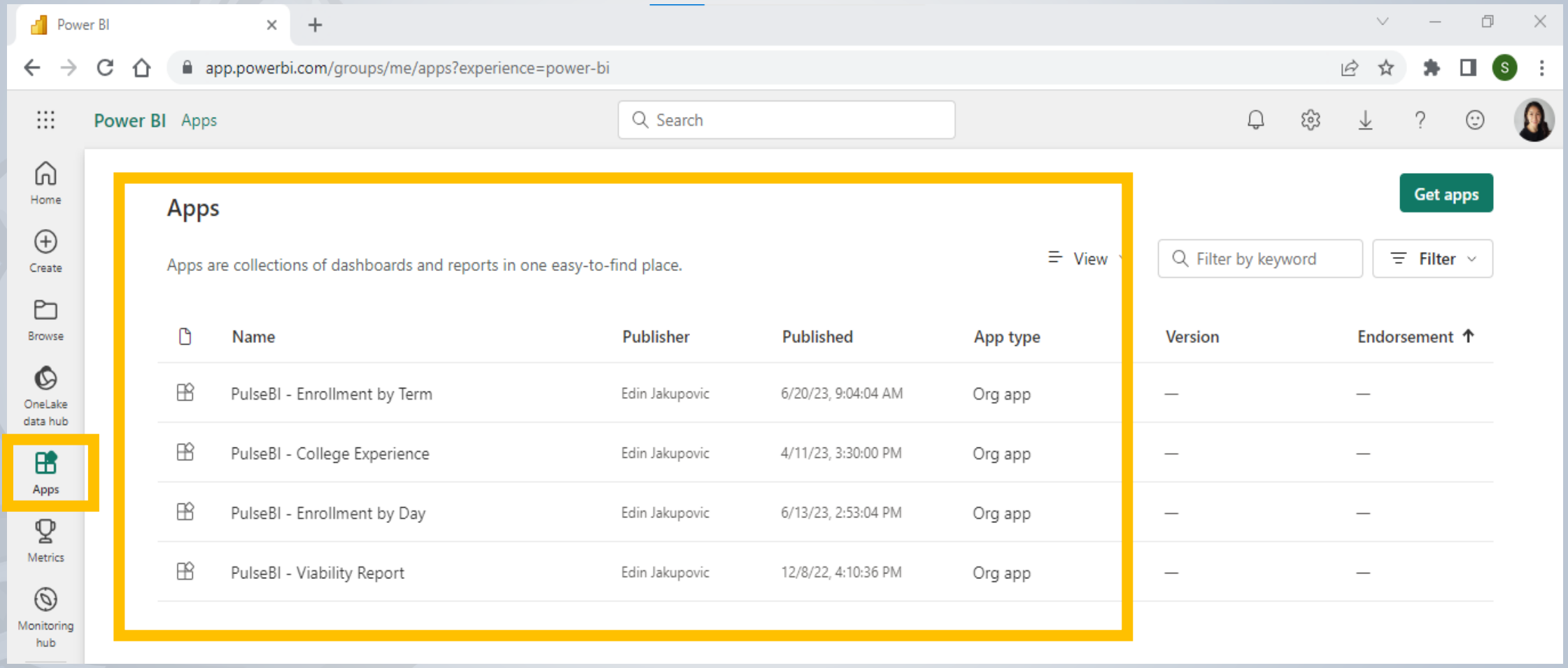
STEP 1 Log in to Titan Hub.

STEP 2 Click on “Staff Resources” in the top center and select ‘IR-BI Dashboards

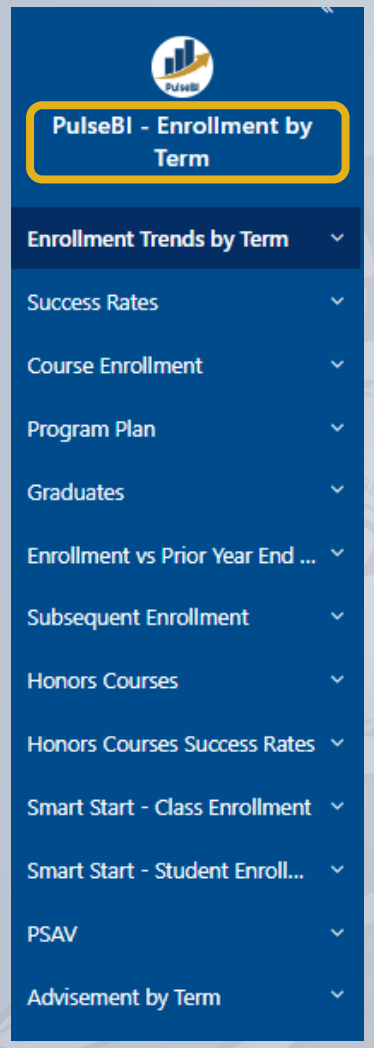
STEP 3 Click on "Apps" on the left sidebar of the Power BI page. If there's no "Apps" button, click three dots to expand the bar.

Access Apps

Click "Apps" on the left bar to see the list of apps available.

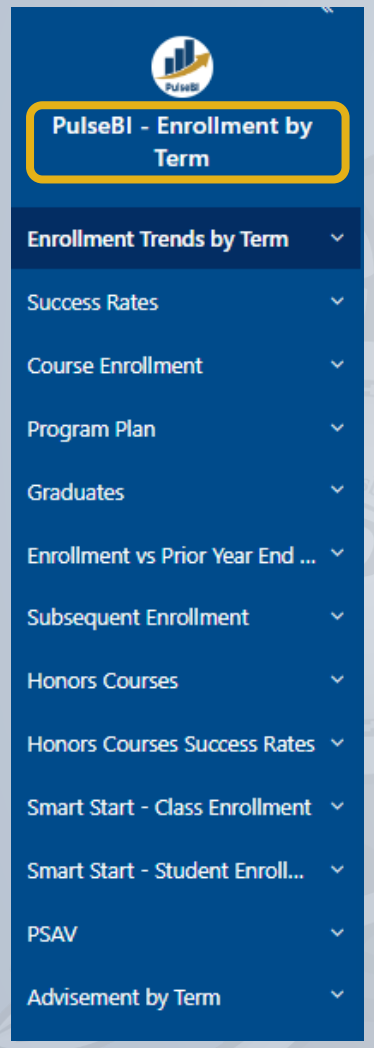


Types of Dashboards



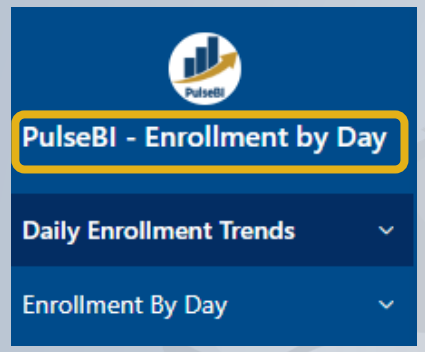
PulseBI – Enrollment by Term	
Enrollment Trends by Term	Displays various enrollment data reports by unduplicated student headcounts, student semester hours (SSH), student demographics and other student variables
Success Rates	Displays the enrollment count and completion rate by course, campus, academic org, academic plan, and modality
Course Enrollment	Displays various reports that provide course/class enrollment data, standard course load, class full rate
Program Plan	Unduplicated student enrollment data broken down by program, plan, and sub-plan
Graduates	Number of degrees awarded by student demographics

Types of Dashboards (cont.)



PulseBI – Enrollment by Term	
Enrollment vs. Prior Year End of Term	Provides a comparison of the current term SSH and course enrollment data to the prior year-end
Subsequent Enrollment	Provides a comparison of enrollment and success rate at the course level for current and subsequent terms
Honors Courses	Displays enrollment and standard course load data
Honors Courses Success Rates	Displays completion rate for Honors Courses by class section and course subject
Smart Start	Displays enrollment data (student and class) for the SLS1101 course by section and student demographics
Postsecondary Adult Vocational (PSAV)	Displays enrollment data for PSAV non-credit programs by student demographics, courses, and zip code

Types of Dashboards (cont.)



PulseBI – Enrollment by Day	
Daily Enrollment Trends	Displays various daily enrollment data reports by unduplicated student headcounts, student semester hours (SSH), student demographics, and other student variables compared to the same period in the prior year
Enrollment by Day	Displays various reports that provide daily course/class enrollment data, unduplicated student headcounts, student semester hours (SSH), student demographics, and other student variables compared to the same period in the prior year

Enrollment Trends by Term Dashboard



Return to Type of Dashboard

Displays various enrollment data reports by unduplicated student headcounts, student semester hours (SSH), student demographics and other student variables

- Enrollment Trends by Term
  - **Student Count by Types**
  - Student Count by Demographics
  - Student Count by Course
  - SSH by Types
  - SSH by Demographics
  - SSH by Course
  - Enrollment Count by Types
  - Enrollment Count by Demographics
  - Enrollment Count by Course
  - Top Courses
  - State and Zip

REPORTS
Student Count by Types
Student Count by Demographics
Student County by Course
SSH by Types
SSH by Demographics
SSH by Course
Enrollment Count by Types
Enrollment Count by Demographics
Enrollment Count by Course
Top Courses
State and Zip

INSTITUTIONAL RESEARCH

Success Rates Dashboard

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Information Technology



Return to Type of Dashboard

Displays the enrollment count and completion rate by course, campus, academic org, academic plan, and modality

Success Rates

- Success Rates
- Success Rates by Campus
- Success Rates by Academic Org
- Success Rates by Academic Plan
- Success Rates by Course
- Success Rates by Course & Modality
- Success Rates by Modality
- Success Rates by Grade Counts
- Success Rates by Student Term Attributes
- Success Rates by Meeting Pattern and Time of Day

REPORTS
Success Rates
Success Rates by Campus
Success Rates by Academic Org
Success Rates by Academic Plan
Success Rates by Course
Success Rates by Course & Modality
Success Rates by Modality
Success Rates by Grade Counts
Success Rates by Student Term Attributes
Success Rates by Meeting Pattern and Time of Day

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Course Enrollment Dashboard

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Information Technology



Return to Type of Dashboard

- Course Enrollment
  - Course Enrollment by Academic Org
  - Course Enrollment by Campus
  - Course Enrollment by Session
  - Course Enrollment by Instructional Method
  - Course Enrollment by Course
  - Course Enrollment by Section
  - Course Enrollment by Meeting Pattern
  - Course Enrollment by Time Of Day
  - Course & Class Trend
  - Class Schedule
  - Percent Full by Instructional Method
  - Tentative and Cancelled by Campus & Modality
  - Tentative and Cancelled by Section

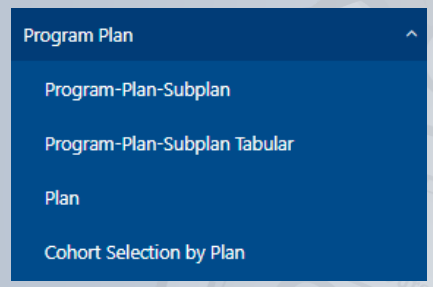
Displays various reports that provide course/class enrollment data, standard course load, and class full rate

REPORTS
Course Enrollment by Academic Org
Course Enrollment by Campus
Course Enrollment by Session
Course Enrollment by Instructional Method
Course Enrollment by Course
Course Enrollment by Section
Course Enrollment by Meeting Patterns
Course Enrollment by Time of Day
Course & Class Trend
Class Schedule
Percent Full by Instructional Method
Tentative and Cancelled by Campus & Modality
Tentative and Cancelled by Section

Program Plan Dashboard



Return to Type of Dashboard

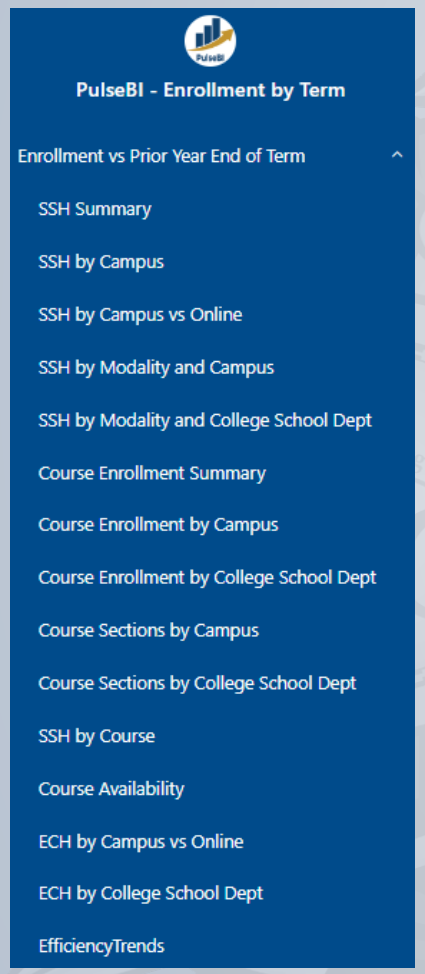


Displays unduplicated student enrollment data broken down by program, plan, and sub-plan

REPORTS	Program – Plan - Subplan
	Program – Plan – Subplan Tabular
	Plan
	Cohort Selection by Plan

Enrollment vs. Prior Year End of Term Dashboard

Return to Type of Dashboard



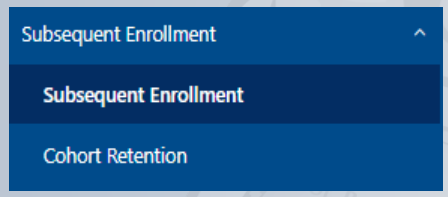
Provides a comparison of the current term SSH and course enrollment data to the prior year-end

REPORTS		
	SSH Summary	Course Sections by Campus
	SSH by Campus	Course Sections by College School Dept.
	SSH by Campus vs. Online	SSH by Course
	SSH by Modality and Campus	Course Availability
	SSH by Modality and College School Dept.	ECH by Campus vs. Online
	Course Enrollment Summary	ECH by College School Dept.
	Course Enrollment by Campus	Efficiency Trends
	Course Enrollment by College School Dept.	

Subsequent Enrollment Dashboard



Return to Type of Dashboard



Provides a comparison of enrollment and success rate at the course level for current and subsequent terms

REPORTS	
	Subsequent Enrollment
	Cohort Retention

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Honors Courses Dashboard

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Return to Type of Dashboard

- Honors Courses
  - Honors Courses by Course
  - Honors Courses by Section
  - Honors Courses by Academic Org
  - Honors Courses by Campus
  - Honors Courses by Instructional Method
  - Honors Courses by Session
- Honors Courses Success Rates
  - Honors Courses by Success Rates
  - Honors Courses by Section Success Rates

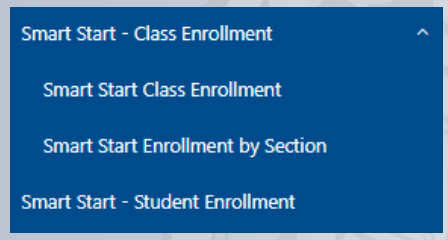
Displays enrollment and standard course load data	
DASHBOARD	Honor Courses
REPORTS	Honors Courses by Course
	Honors Courses by Section
	Honors Courses by Academic Org.
	Honors Courses by Campus
	Honors Courses by Instructional Method
	Honors Courses by session

Displays completion rate for Honors Courses by class section and course subject	
DASHBOARD	Honors Courses Success Rates
REPORTS	Honors Courses by Success Rates
	Honors Courses by Section Success Rates

Smart Start Dashboard



Return to Type of Dashboard



Displays enrollment data (student and class) for the SLS1101 course by section and student demographics

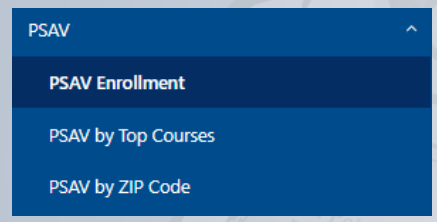
DASHBOARD	Smart Start – Class Enrollment
REPORTS	Smart Start Class Enrollment
	Smart Start Enrollment by Section

DASHBOARD	Smart Start – Student Enrollment

PSAV Dashboard



Return to Type of Dashboard



Displays enrollment data for PSAV non-credit programs by student demographics, courses, and zip code

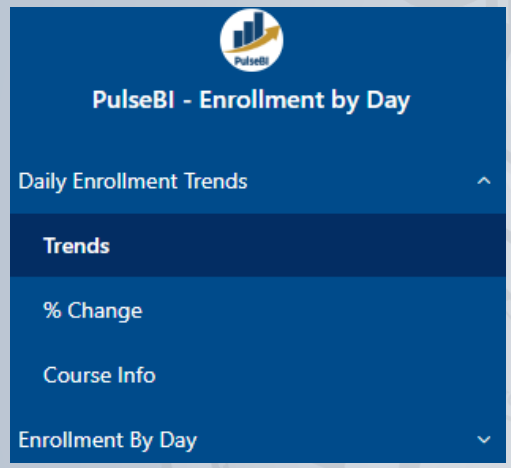
REPORTS	PSAV Enrollment
	PSAV by Top Courses
	PSAV by Zip Code

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Daily Enrollment Trends Dashboard

SPC St. Petersburg College
Information Technology

Return to Type of Dashboard



Displays various daily enrollment data reports by unduplicated student headcounts, student semester hours (SSH), student demographics, and other student variables compared to the same period in the prior year

REPORTS	
	Trends
	% Change
	Course Info

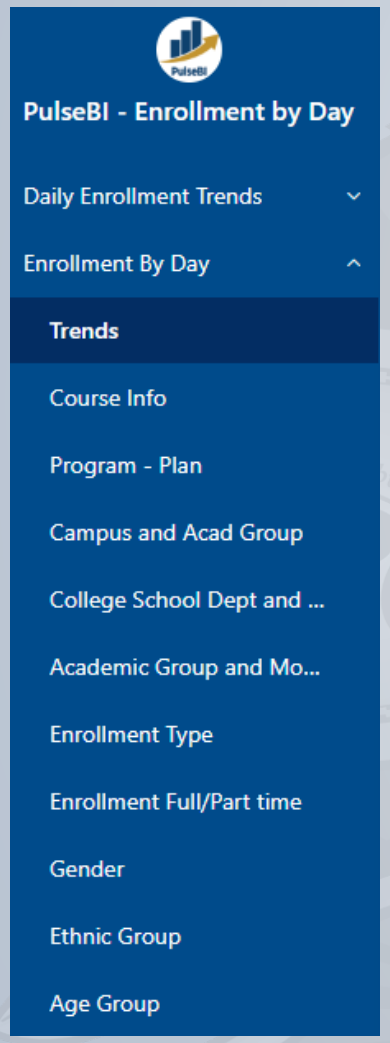
INSTITUTIONAL RESEARCH

Enrollment by Day Dashboard

SPC St. Petersburg College
Information Technology



Return to Type of Dashboard



Displays various reports that provide daily course/class enrollment data, unduplicated student headcounts, student semester hours (SSH), student demographics, and other student variables compared to the same period in the prior year

REPORTS
Trends
Course Info
Program – Plan
Campus and Academic Group
College School Department and Session
Academic Group and Modality
Enrollment Type
Enrollment Full/Part Time
Gender
Ethnic Group
Age Group

Selecting a Dashboard

Click the dashboard title to expand the detailed dashboards.



Measures

Class Count	Number of class sections offered
Course Count	Number of courses offered
Enrollment Count	Student enrollment is a "duplicated" student number. Students are counted for every course they are enrolled in.
Unduplicated Student Count	Student is only counted once per selected level
Standard Course Load (SCL)	This is the number of spaces available for a given course.
Student Semester Hours (SSH)	SSH is the number of credits that students are enrolled in. Each SSH is equivalent to one unit/credit. (Ex. The Student Semester Hours (SSH) of three 3-credit courses will be 9.)
Success Rate	The total number of students who received grades A, B, and C divided by the total enrollment to calculate the percentage

Definition of **Report Filter** Options

Academic Career	Higher education level of study All coursework at SPC is undergraduate.
Academic Career - Program - Plan – Subplan	Hierarchy that cascades from Academic Program to Academic Plan to Academic Subplan
Academic Program, Plan ID	Hierarchy that cascades from degree types to academic plans
Academic Year, Term	Multiple years and terms can be selected.
Advisor Name	SPC employee that assist students with registration, course planning and scheduling, degree program exploration and more.
Age Group	**6 different age groups** include: 18 and under, 19-21, 22-25, 26-35, 36+, unknown
Ethnic Group	**8 different ethnic groups** include: American Indian/Alaska Native, Asian, Black/African American, Hispanic/Latino, Multi-Ethnic, Native Hawaiian/Oth Pac Island, Not Specified, and White

Definition of **Report Filter** Options (Cont.)

Campus	Campuses include Allstate, Bay Pines, Clearwater, Corporate Training Services, Downtown/Midtown, Electronic, EpiCenter, Health Education, Online, Open Campus, Seminole, St. Petersburg/Gibbs, and Tarpon Springs.
Class Location	Various class locations
Class Status	Refers to the availability of the course. Options include Active, Cancelled, Full, Stop Further Enrollment, Tentative
College - Group – Acad. Org – Subject	Hierarchy that cascades from College to Academic Group (Upper/Lower division courses) to Academic Organization to Subject Catalog Number
Course Group	Displays the number of undergraduate students enrolled in an undergraduate program by Developmental Courses, Gateway Courses, HEC Clinical Courses, Honors Courses, Internship Courses, Internship Courses – COE, Partial Indicator Courses, and Practicum Courses – COE
Custom Cohorts	Customized student cohorts by request

Definition of **Report Filter** Options (Cont.)

FTIC Flag	**First Time in College flag**. First time in college is defined as: "A certificate or degree-seeking student who enters a postsecondary institution for the first time after high school graduation regardless of the number of credits earned through any acceleration mechanism (i.e., Dual Enrollment/Early Admission, AP, AICE, IB or CLEP)."
Gender	Male/Female/Undisclosed
Grade Description	Unduplicated count of grade (satisfactory/unsatisfactory)
Home Campus	Preferred campus that the student selects to receive services from
Instruction Mode Group	Mode in which the course is taught. **5 categories** include Blended, Face-to-Face, Independent Study, SPC Live Online, and Online
Open Campus	High school student completing a college class at their respective high school
Student Term Group	Derived from PeopleSoft student groups
Subject Catalog Number	List of courses displayed by prefixes and numbers
Term Type	**3 Types**: Fall, Spring, and Summer; multiple terms can be selected

Definition of **Visual Filter** Options

Class Academic Group	Displays the number of undergraduate students enrolled in an undergraduate program by **upper and lower division**
Degree Objective	Displays the number of undergraduate students enrolled in an undergraduate program by **AA** (Associate in Arts Degree), **BS/BAS** (Bachelor of Science/Bachelor of Applied Science), **Undeclared** (Students that have not specified a major), and **Workforce** (Students enrolled in Associate in Science or Certificate program) degrees
Enrollment Status	Displays the number of undergraduate students enrolled in an undergraduate program by **full/part-time status**
Enrollment Type	Displays the number of undergraduate students enrolled in an undergraduate program by ***continuing students*** (students who are continuously enrolled in classes; who have not missed one primary semester, Fall or Spring), ***new*** (students that have not attended SPC in the past), and ***re-admit students*** (students that have missed at least three consecutive semesters)
Financial Aid (Accepted vs. Not Accepted)	Displays the number of undergraduate students enrolled in an undergraduate program who have accepted Financial Aid vs. those who have not accepted at the beginning of the term

Definition of **Visual Filter** Options (Cont.)

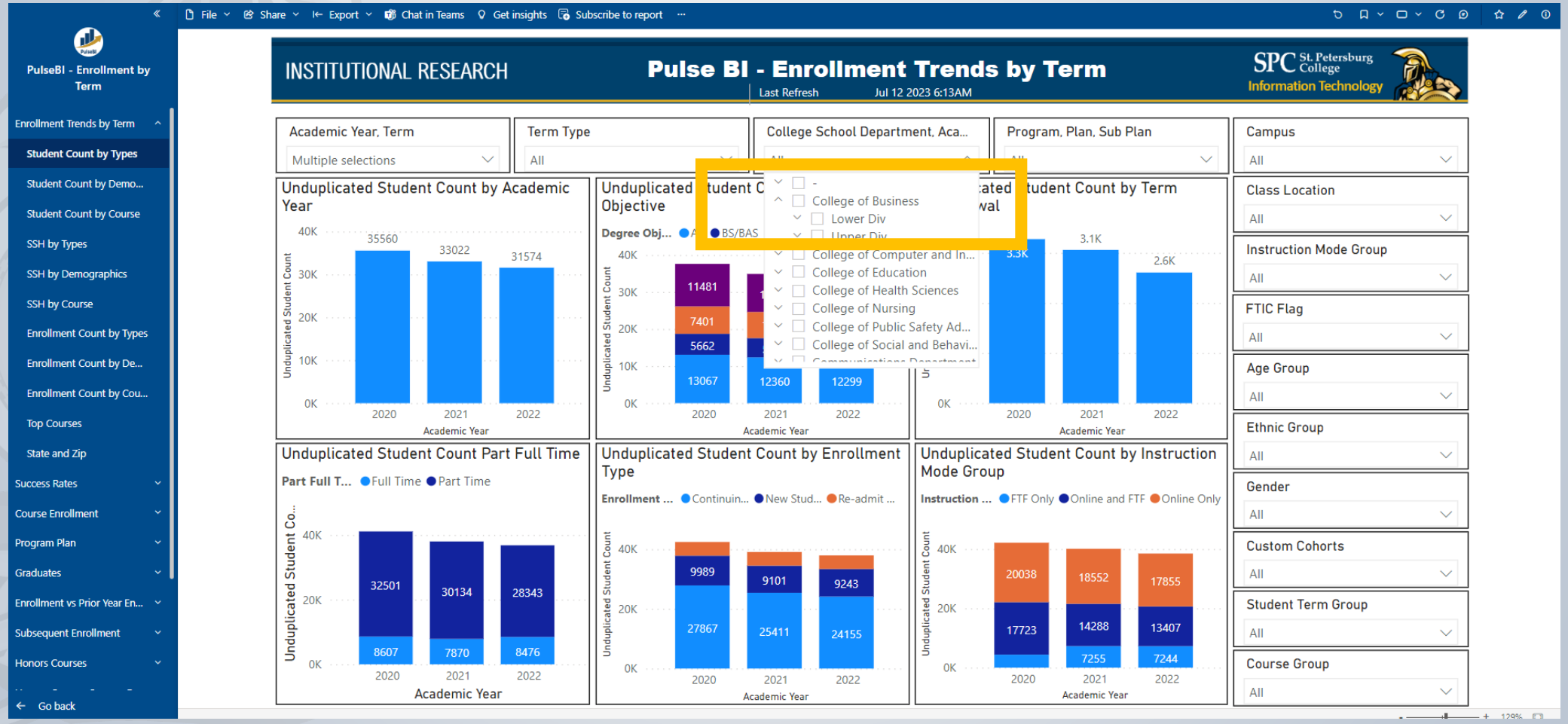
Overall Enrollment	Displays the total number of undergraduate students enrolled in an undergraduate program during the selected term
Session Type	Displays the number of undergraduate students enrolled in an undergraduate program by academic sessions. **6 categories** include Dynamic Date, Eight Week – First, Eight Week – Second, Express Session, Regular Academic, and Weekend College
Term Withdrawal	Displays the number of undergraduate students enrolled in an undergraduate program who have withdrawn from all classes during the selected term
Total Cumulative Units Group	Displays the number of undergraduate students enrolled in an undergraduate program by the total cumulative units a student has earned. **9 groups** include 0.00, 0.01 to 30.99, 31.00 to 44.99, 45.00 to 60.99, 61.00 to 90.99, 91.00 to 120.99, 121.00 to 138.99, 139.00 to 200.99, and 201.00 and above
Units Passed for Progress Group	Displays the number of undergraduate students enrolled in an undergraduate program by units earned during the term. **7 groups** include 0.00, 0.01 to 5.99, 6.00 to 8.99, 9.00 to 11.99, 12.00 to 15.99, 16.00 to 18.99, and 19.00 and above

Definition of **Visual Filter** Options (Cont.)

Actual Enroll SSH	This SSH value represents the total number of credit hours for a given course enrollment. It is calculated by multiplying the enrollment by the credit hours for each course section.
Balance of Released SSH	This is the SSH that is 'available' for new enrollment. It is calculated by subtracting the Actual SSH from the Current SSH Capacity.
Percent Full of Released SSH	This is the percentage of SSH that is full or 'not available' for new enrollment. It is calculated by dividing the Actual SSH by the Current SSH Capacity.
Prior Parallel Term SSH	This SSH value represents course enrollment for a previous year's term. It is calculated by multiplying enrollment with the credit hours of each course section.
Released SSH Capacity	This is the SSH that is represented by all active course sections (i.e., course status equals 'active,' 'full,' or 'stop further enrollment').

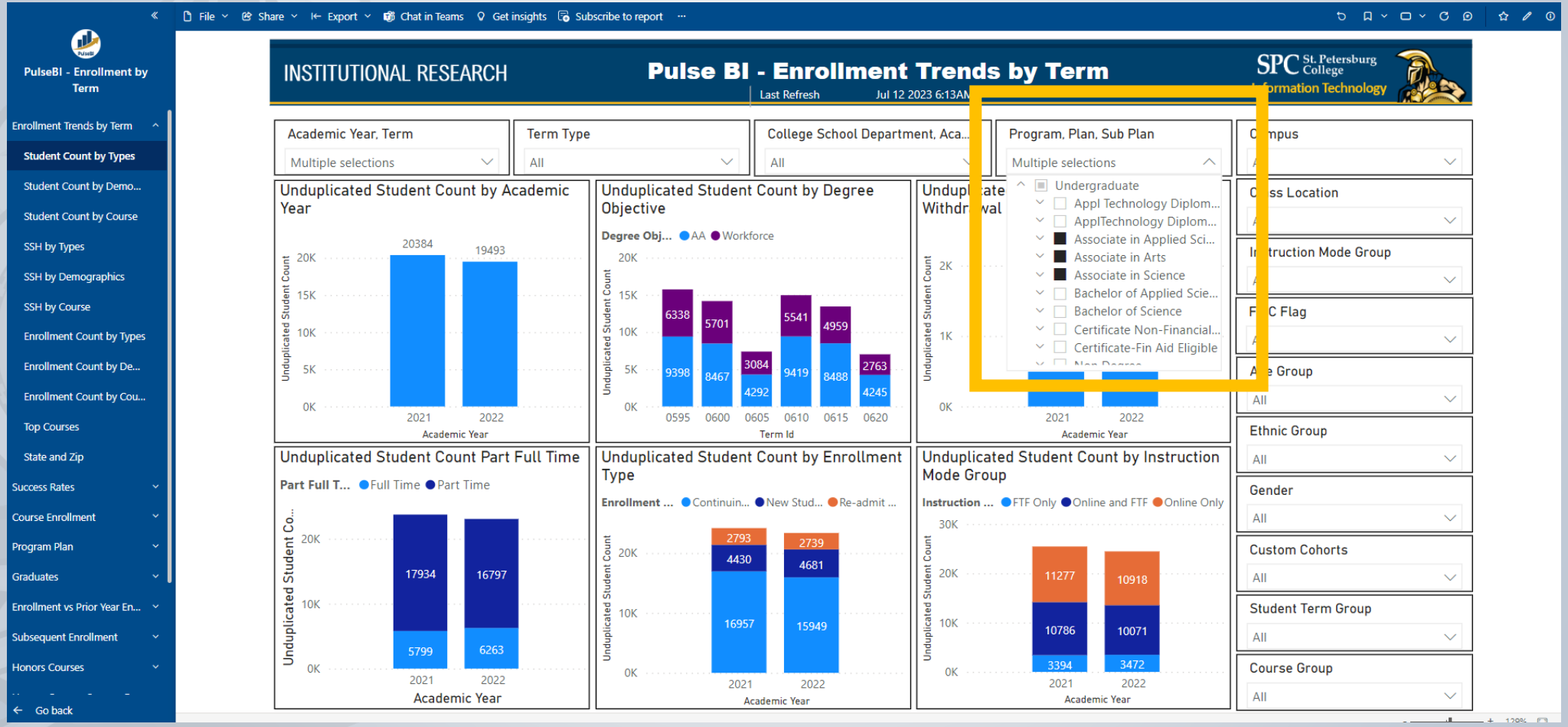
Expanding Hierarchies

To expand the hierarchies, simply click on the downward arrow button. To close them, click on the upward arrow button.



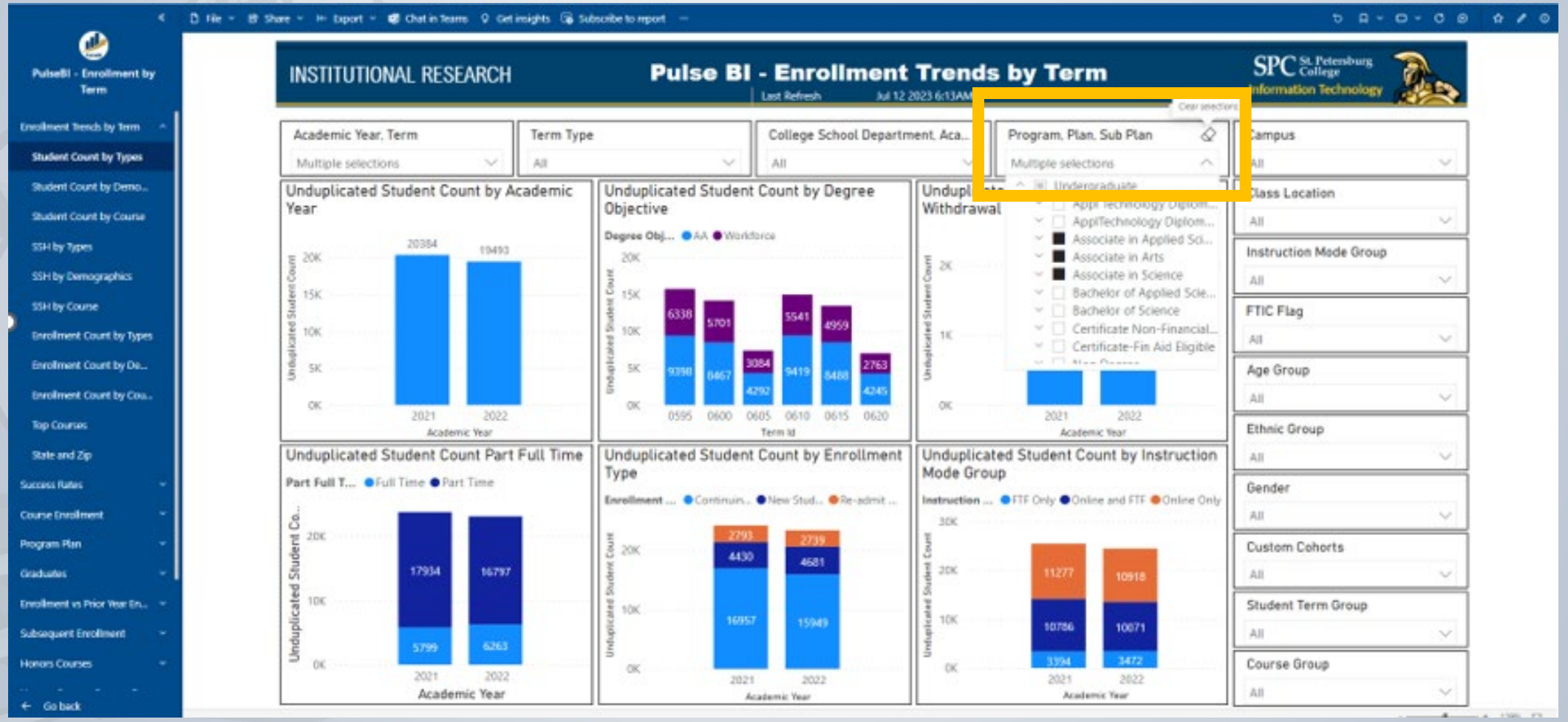
Multiple Selections

To select multiple filters, simply hold down the "Ctrl" key while making your selections.



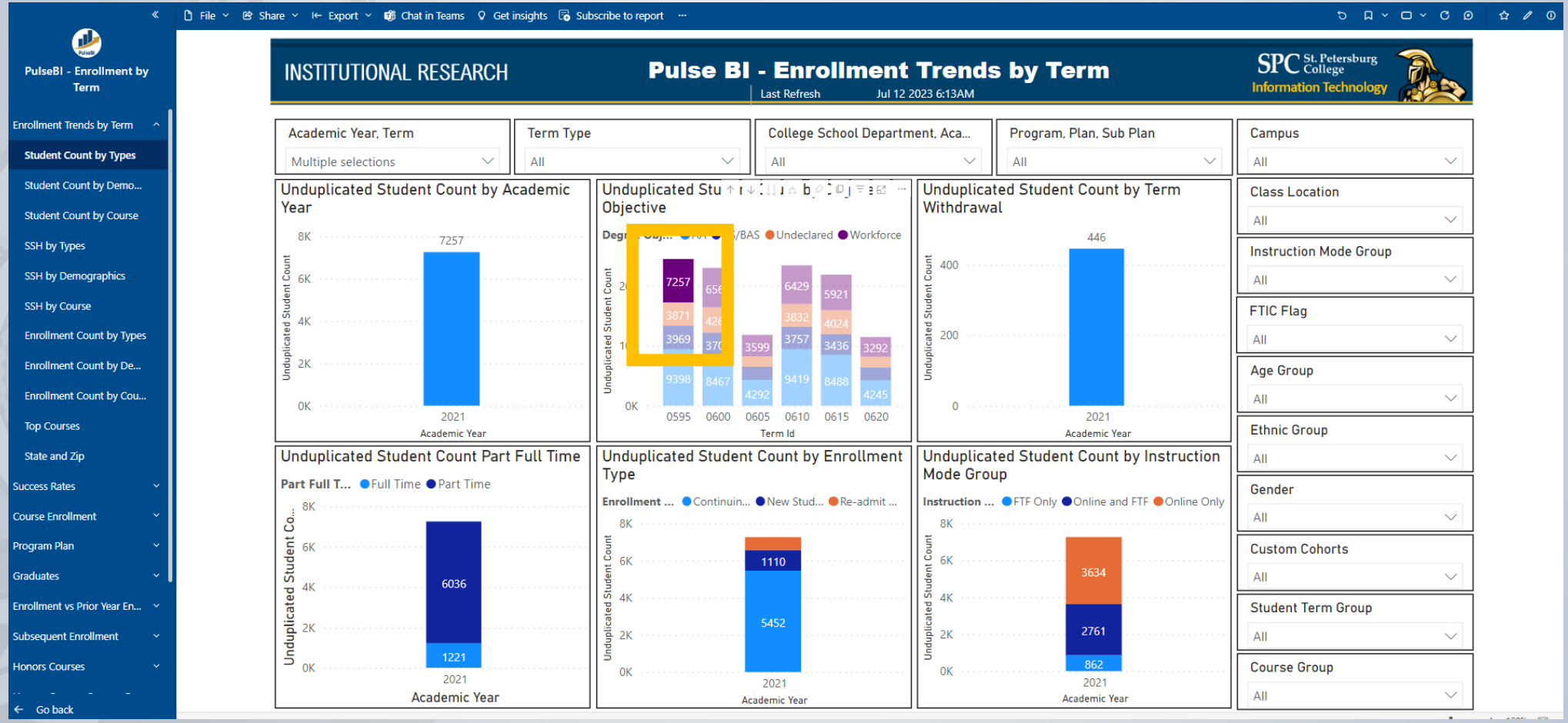
Clearing Multiple Selections

To erase multiple selections, hover over the "Multiple Selections" tab and click on the Eraser button located at the top right corner.



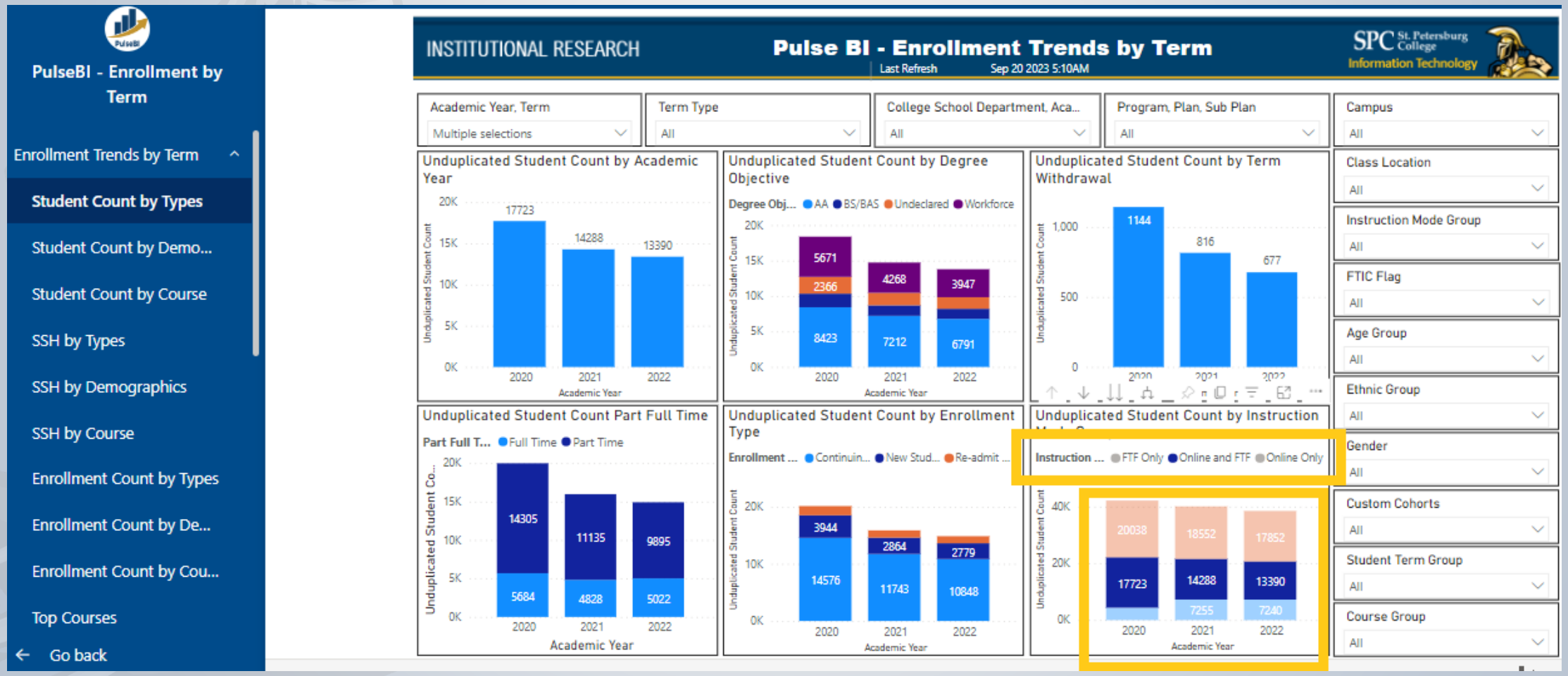
Using Visuals to Filter

You can filter by clicking a "visual" and clear it by clicking on it again.



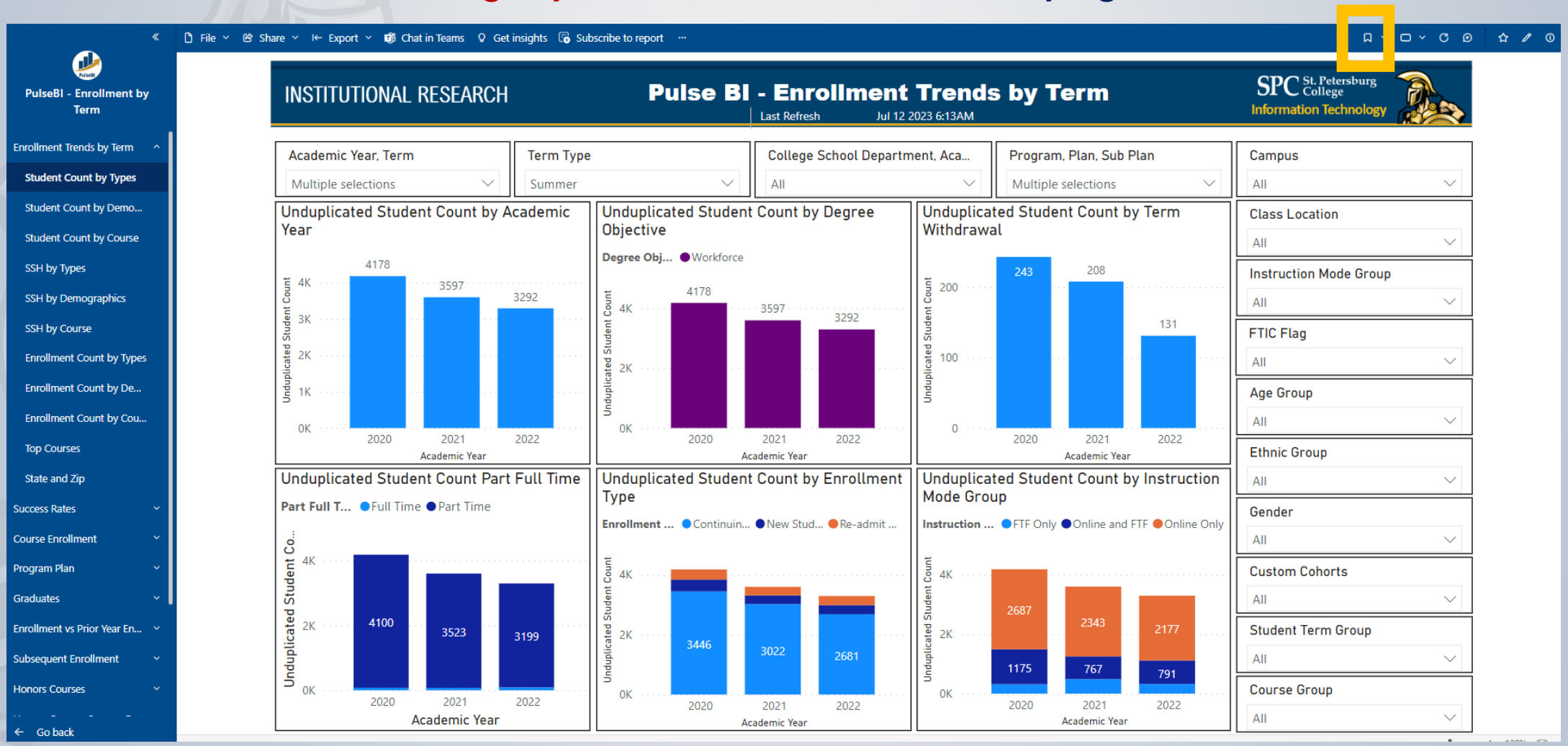
Using Legend to Filter

You can filter a specific group by clicking a "legend" and clear it by clicking on it again.



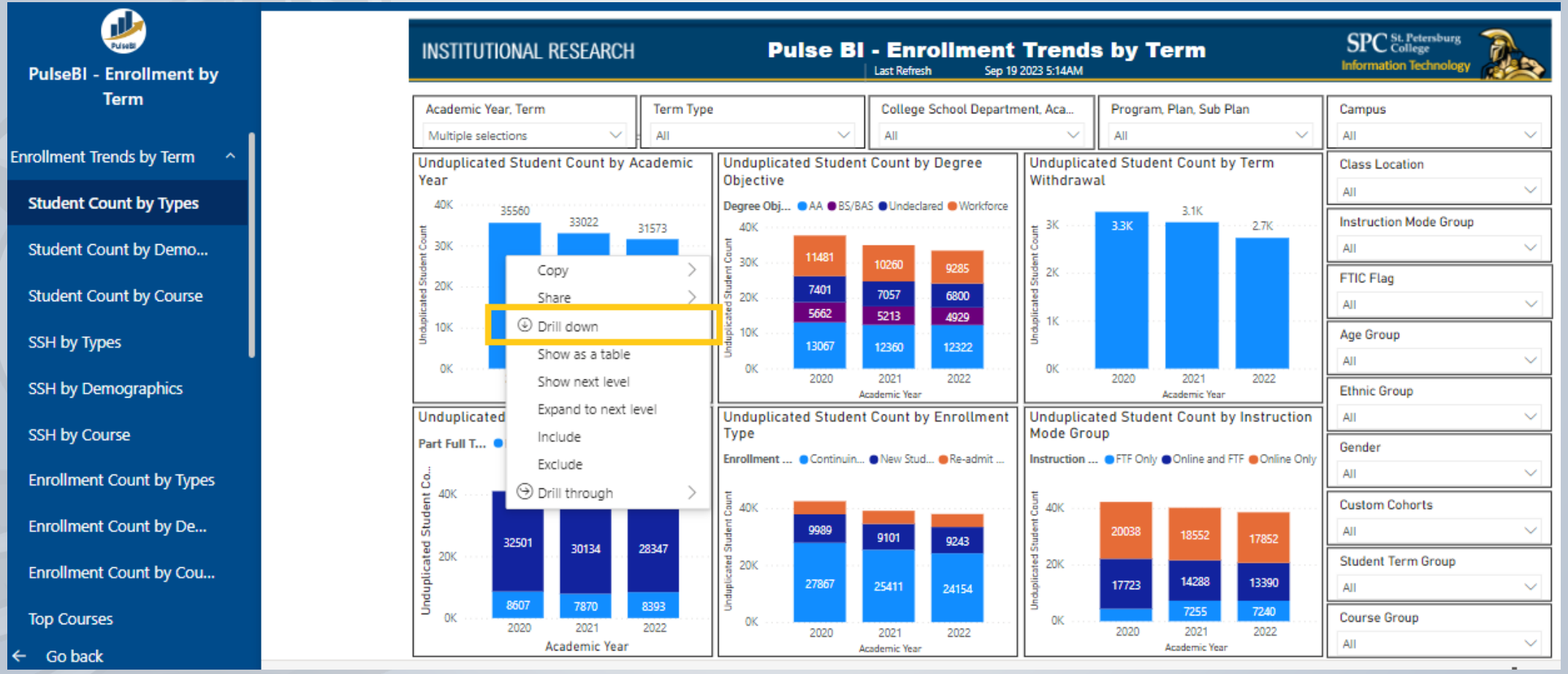
Clearing All Filters

To clear ALL filters on the dashboard, locate the "Reset filters, slicers, and other data view changes you've made" button in the top right corner and click it.



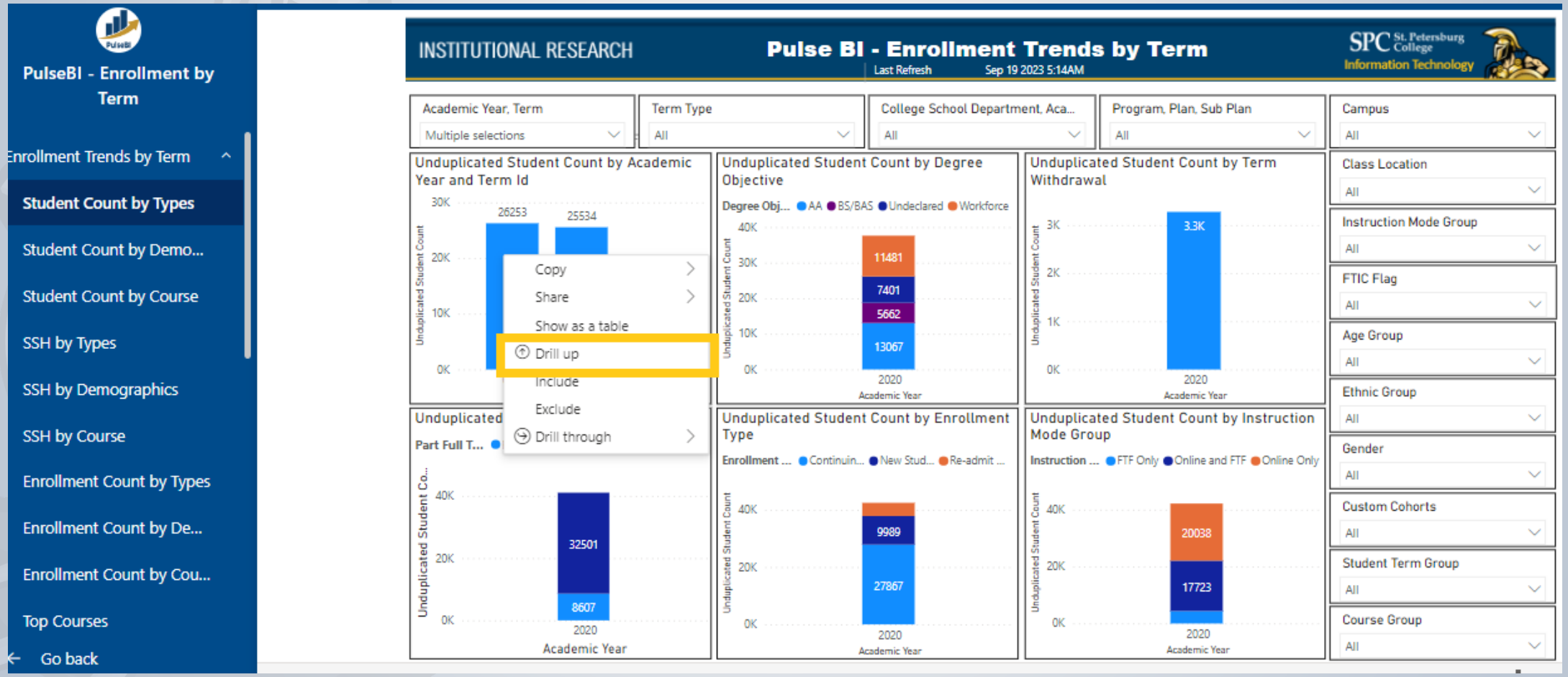
Drill Down

When you right-click on a visual, a menu will appear, allowing you to "drill down." Then, you will see the multiple terms under the specific year.



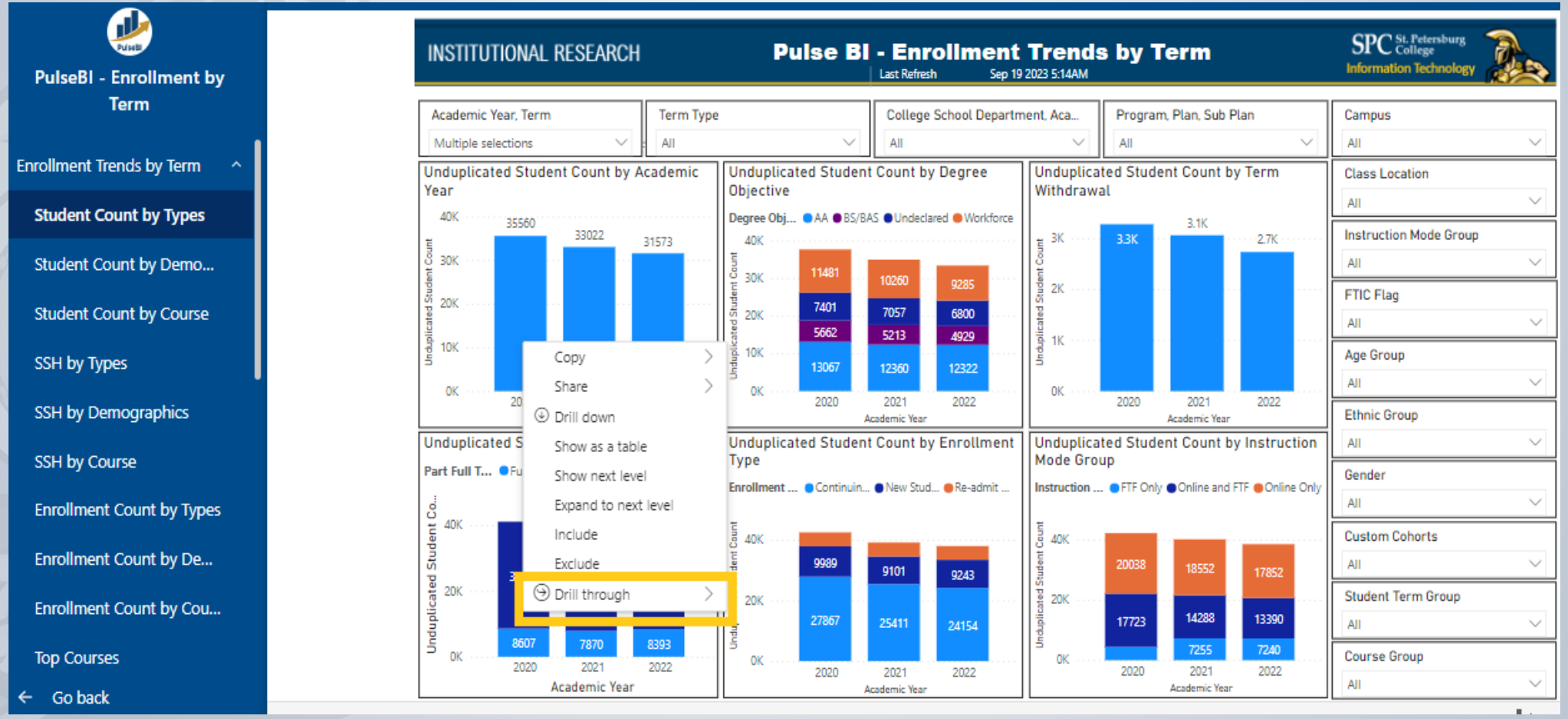
Drill Up

Right-click the visual and select "drill up" to return to the selected year.



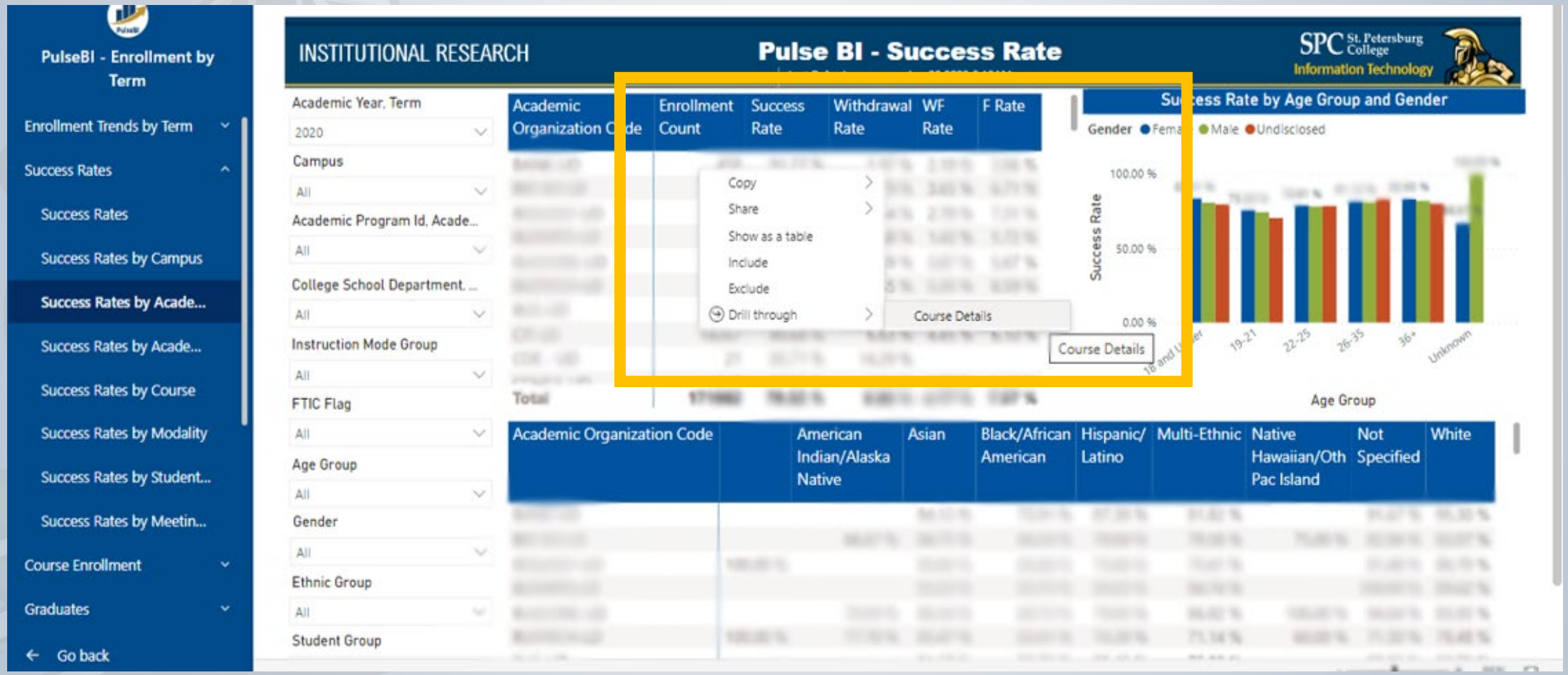
Drill Through

To see detailed information, right-click on a visual and select "drill through." Some visuals may not support this feature.



Exporting Data

To access detailed information about the course, simply right-click on the "Enrollment Count" and select "Drill Through."



Exporting Data (cont.)

To access the options menu for the data table, hover over the top right corner of the table and click on the "ellipsis (…)" that appears.



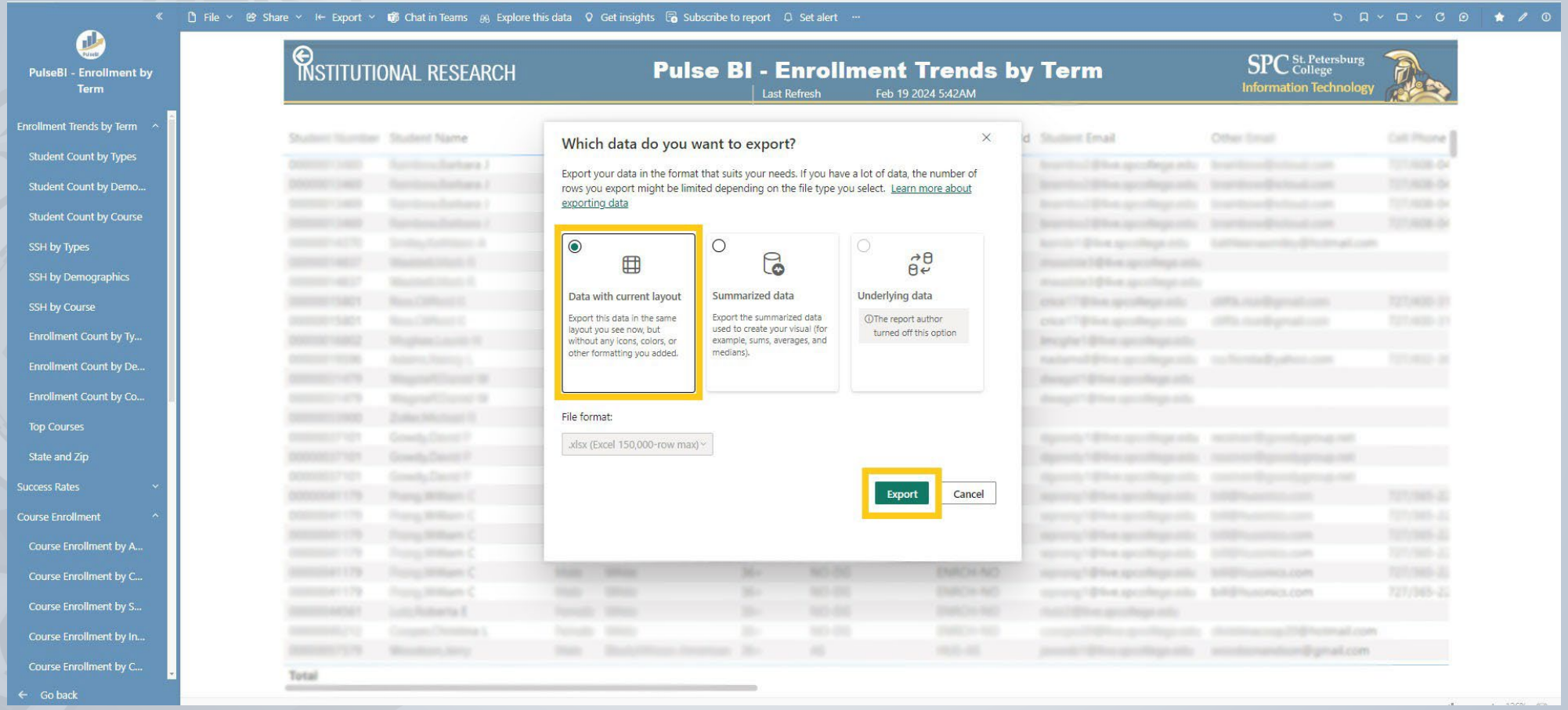
Exporting Data (cont.)

Click "Export data."



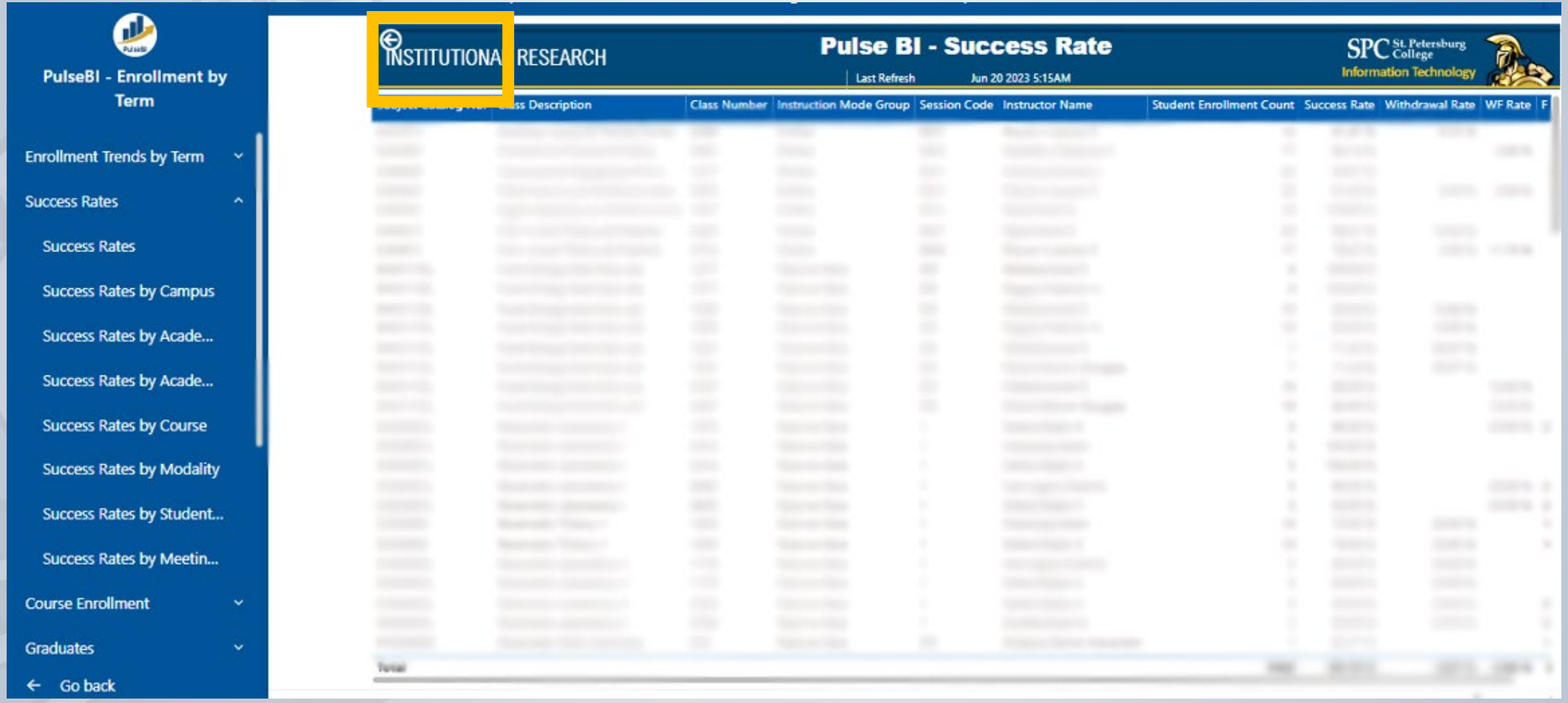
Exporting Data (cont.)

To export the data to an Excel spreadsheet, first, choose "Summarized data" and then click the "Export" button.



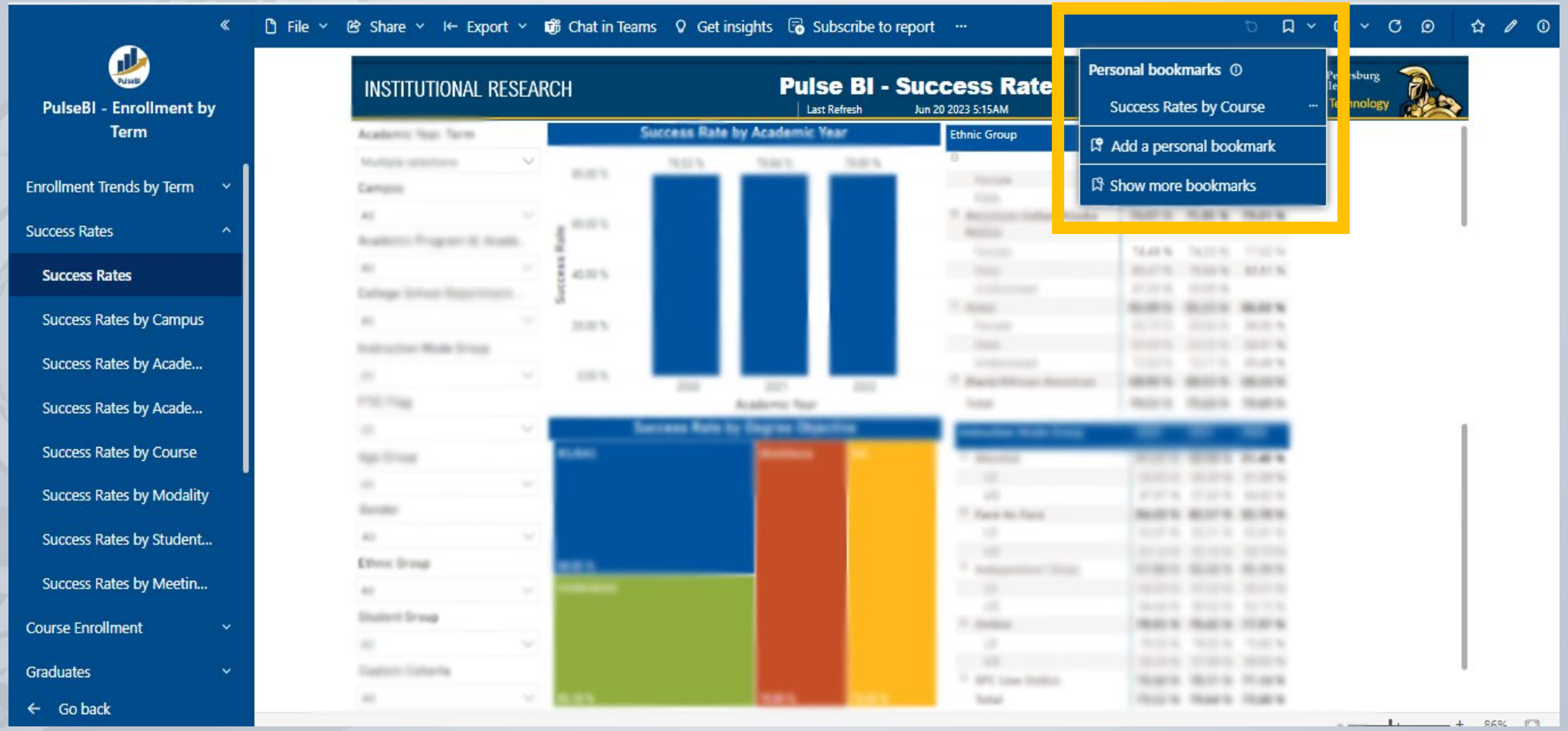
Returning to Dashboard

After navigating through the information, you can return by clicking on the left arrow icon located in the top left corner.



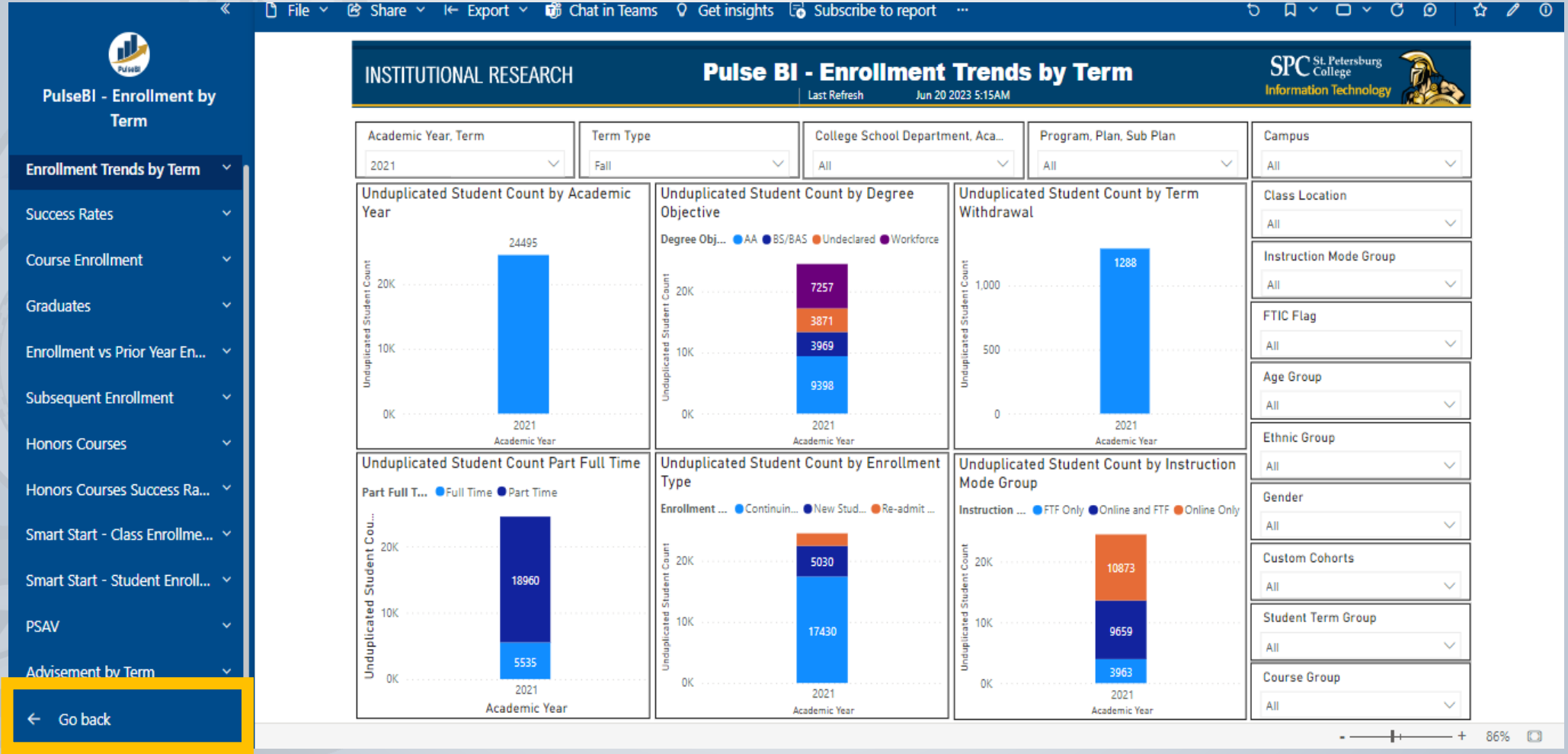
Bookmark Dashboards

To create a personal bookmark, simply click on the "Bookmark" button located at the top right corner and select "Add a personal bookmark."



Returning to Apps

To go back to the list of apps, simply click on the "Go back" button.



SPC IR Directory



Edin Jakupovic Jakupovic.Edin@SPCollege.edu

Soyoung Preisel Preisel.Soyoung@SPCollege.edu

** Please reach out to any one of us for questions.*