



SANTA MONICA COLLEGE  
**Institutional Research**

# **SMC Precision Campus**

A Guide to SMC's Data and Program Review Online Platform and  
Training Exercises

Version April 2025

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# Logging into Precision Campus

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The SMC Precision Campus site can be found at <https://smc.precisioncampus.com/>.

The link to the tool can also be found under the following pages on the SMC website:

- 1) Faculty and Staff (<https://www.smc.edu/info-for/faculty-staff/>) → Login → Precision Campus
- 2) Institutional Research ([www.smc.edu](http://www.smc.edu)) → Precision Campus

The website uses SMC single-sign on (SSO). Use your SMC email as your username and SMC network password (employees only) to access Precision Campus.



Log in with SMC Portal

Log in as Guest

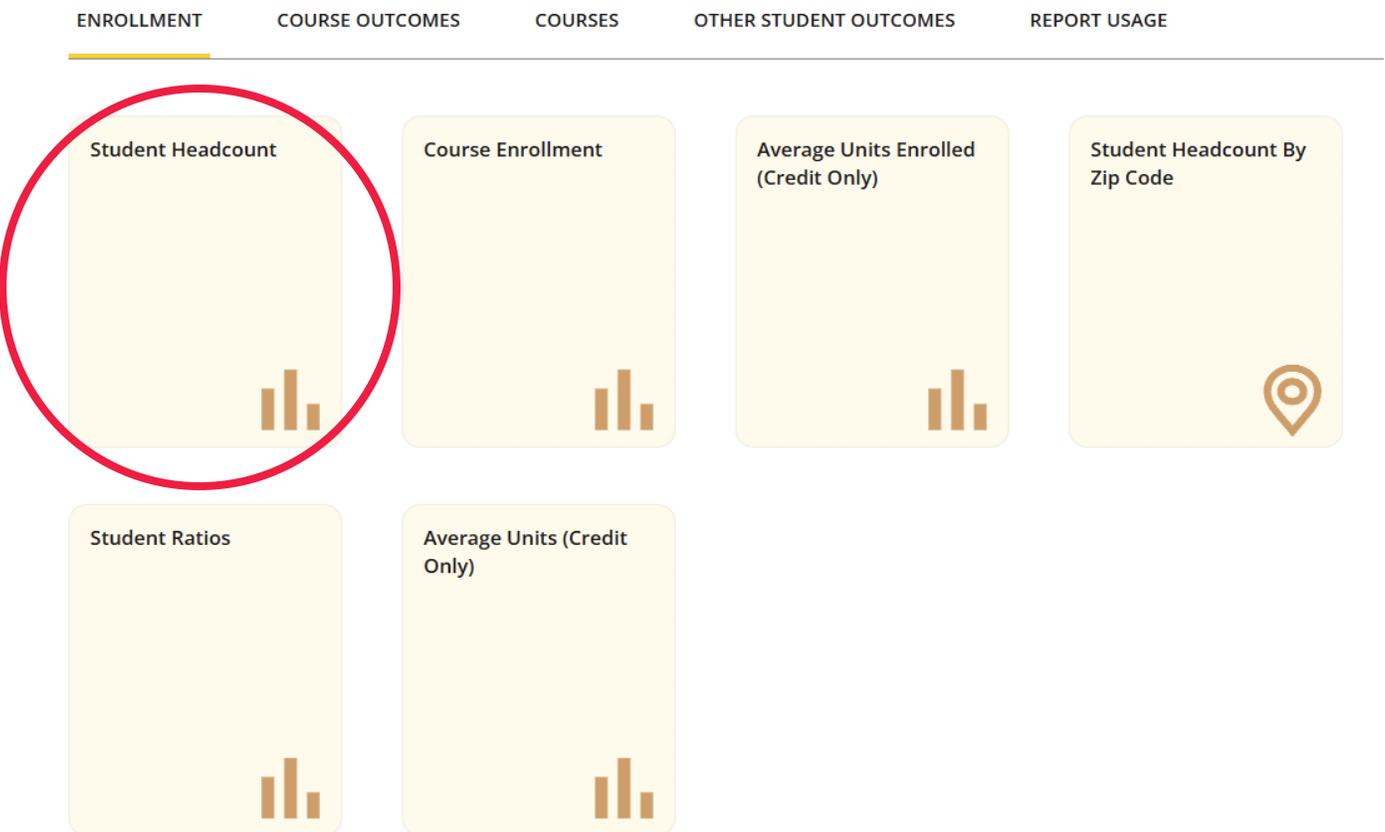
A screenshot of the SMC SIGN-ON login form. It features a blue header with the text "SMC SIGN-ON". Below the header, there are two input fields: "Username" with the value "research@smc.edu" and "Password" with a masked password represented by dots. A checkbox labeled "Show password" is located below the password field. A large blue "Login" button is positioned below the input fields. At the bottom of the form, there are two links: "Student Account Help" and "Employee Account Help".

# Screen Interfaces

**Menus:** Each data report is organized under broad categories called “data report menus,” which are located next to your username at the top of the webpage upon logging in. Click on any of the menus to access the various data reports contained within each one.

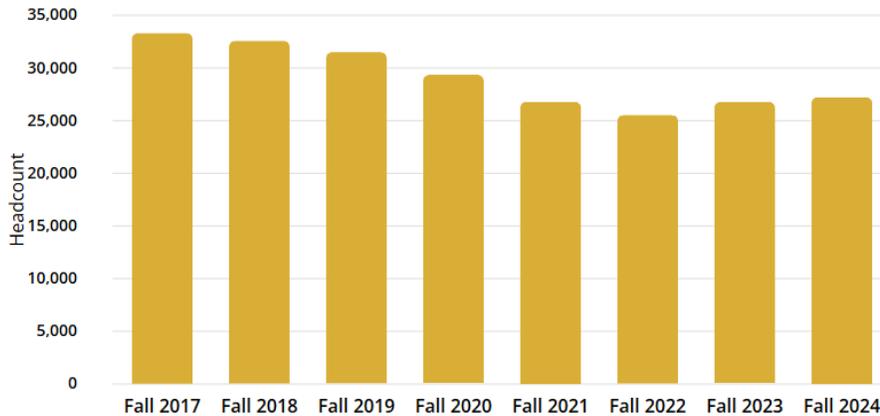


**Reports:** Each data report menu contains several data or other types of reports. Click on any of the report titles to access the selected report.



**Display (Data Reports Only):** The data “display” shows a summary of the data in a chart, table, or both. It automatically updates and refreshes when filters are applied. For most reports, the default display is set to the Fall term.

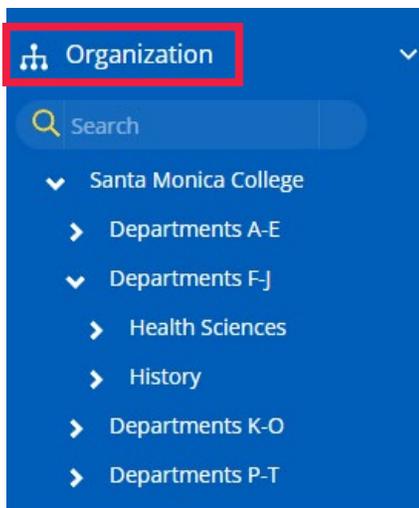
### Student Headcount



### Measures: Headcount

	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Measures	33,302	32,567	31,492	29,334	26,784	25,516	26,762	27,218

**Organization Tree/Filter Bar:** The bar on the far left contains all available filters that can be used to filter and disaggregate the data.



Use the top set of filters, called the “organization tree” to select a specific **department, discipline, course, or section**. The default setting is “Santa Monica College” and produces college-wide (including both credit and noncredit students and enrollment for most data reports) data.

Drill down further by clicking on the arrows (**chevron**).

The bottom set of filters are used to disaggregate or filter in/out specific student, program, or course attributes.



# Training Exercise #1

## Percentage of Business Students Enrolled in At Least One Distance Education Course, Excluding International Students

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In this exercise, you will learn how to use the following functions in Precision Campus:

- **FILTER FOR** a specific department, course, or program using the organization tree;
- **DISAGGREGATE** the data by a course, program, or student attribute;
- **FILTER OUT** a subset of the population; and,
- **ADJUST** the display settings.

## Scenario

As the chair of the business department, you are interested in expanding online or distance education course offerings. You want to understand the historical trends in terms of the percentage of students in your department who were enrolled in at least one distance education class. Because there is a policy that allows international students to enroll in only one online class each term, you would like to exclude this population from the data.

PARAMETERS	MEASURE
<ul style="list-style-type: none"><li>• Trend over time, last six fall terms</li><li>• Enrolled in at least one course in the business department</li><li>• Exclude international students</li></ul>	Percentage of students who enrolled in at least one distance education class at the college

# Step-by-Step Instructions

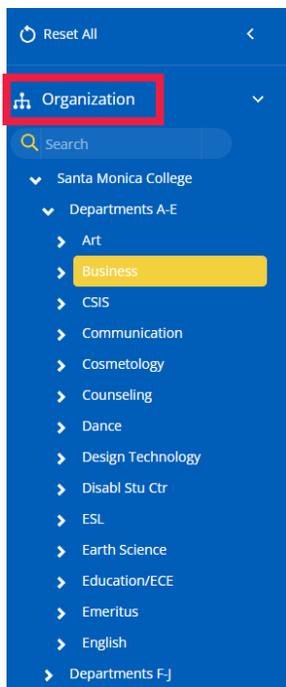
## STEP 1: SELECT THE “STUDENT HEADCOUNT” REPORT

Click on either the “Fact Book” or “Program Review” menu, then navigate to the “Enrollment” subcategory. From there, select “Student Headcount”

**Fact Book/Program Review → Enrollment → Student Headcount**

## STEP 2: FILTER FOR THE BUSINESS DEPARTMENT

Click on the arrows in the organization tree/filter bar on the top left corner of the report to expand the options until you find the “Business” department. Select it. You will know your filter is applied when the department name is highlighted, and the department name will appear underneath the report title in the display. **Departments A - E → Business**



## STEP 3: FILTER OUT INTERNATIONAL STUDENTS FROM THE DATA SET

Scroll down to the “filters” section of the filter bar and click on the **right chevron**  next to “Residence” to see all value options for the attribute.

**Filters**

Search

- > Academic Standing
- > Age
- > DSPS
- > EOPS
- > Education Goal
- > Education Level
- > Enrollment Status
- > Financial Aid Status
- > First Generation Status
- > Foster Youth
- > Gender
- > Major Name
- > Race/Ethnicity
- > **Residence**

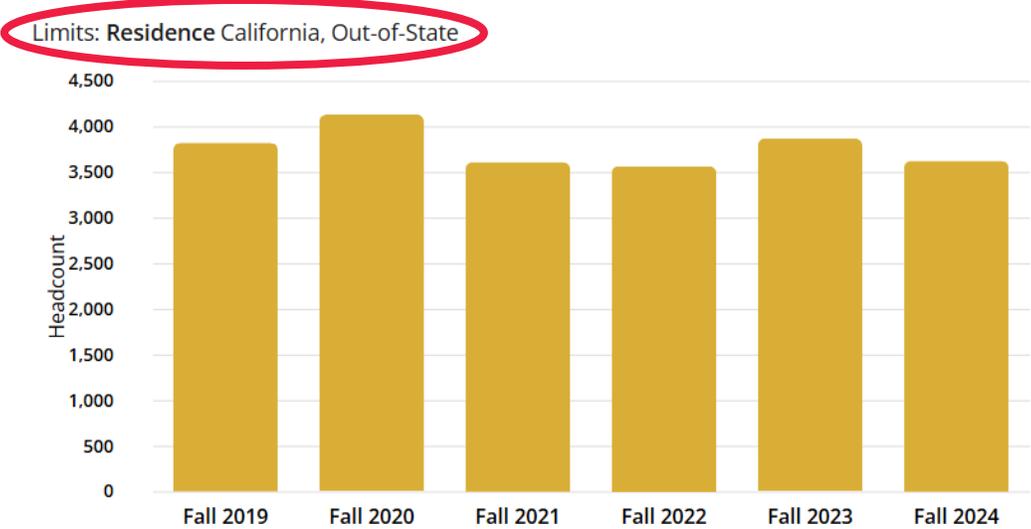
A checkmark next to a subgroup name means that they will be reflected in the data. To unselect or filter out international students, **place your cursor over “Foreign Country” and press the CTRL button while clicking the mouse**. The checkmark next to “Foreign Country” will disappear, and the data set will automatically update to filter out students with residency in a foreign country.

**Residence**

- ✓ California
- Foreign Country
- ✓ Out-of-State

Once a filter is used, a “Limits” note appears under the report title to describe which subgroups in a filter are **included**. For this report, “Foreign Country” is not included in the list which tells us that interational students are excluded.

**Student Headcount** | Business



**CHECK YOUR DATA:**

Did your filter produce the following numbers in the display?

	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Measures	3,824	4,134	3,613	3,570	3,871	3,627

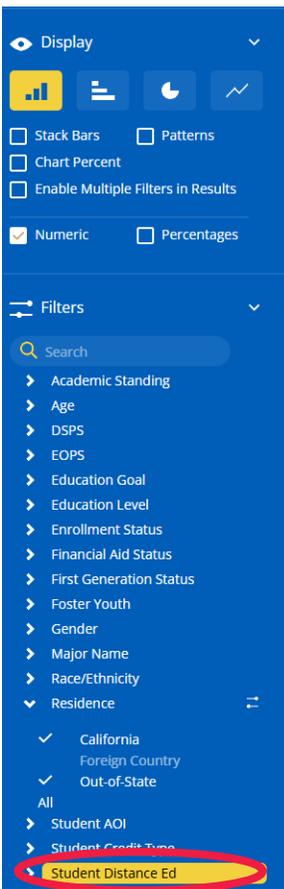
## STEP 4: DISAGGREGATE DATASET BY STUDENT DISTANCE EDUCATION STATUS

In the filter bar, click on “Student Distance Ed”. The chart and table will automatically disaggregate the dataset by students’ overall distance education status for the term.

*Note: the DE status is not for enrollment in Business courses, but for all courses enrolled at SMC.*

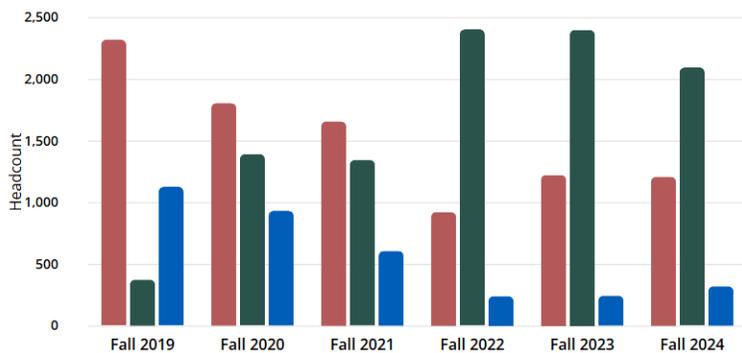
Description of attribute values:

- **Distance Ed Only:** student exclusively enrolled in distance learning courses during the term at SMC
- **Onground Only:** student exclusively enrolled in courses that were offered onground or in-person during the term at SMC
- **Both:** student enrolled in a mix of distance learning and onground courses during the term at SMC



Student Headcount | Business

Limits: Residence California, Out-of-State



Student Distance Ed

Both Distance Ed Only Onground Only

Limits: Residence California, Out-of-State

Measures: Headcount

Student Distance Ed	Fall 2019	Fall 2020	Fall 2021	Fall 2022
Both	2,321	1,807	1,659	924

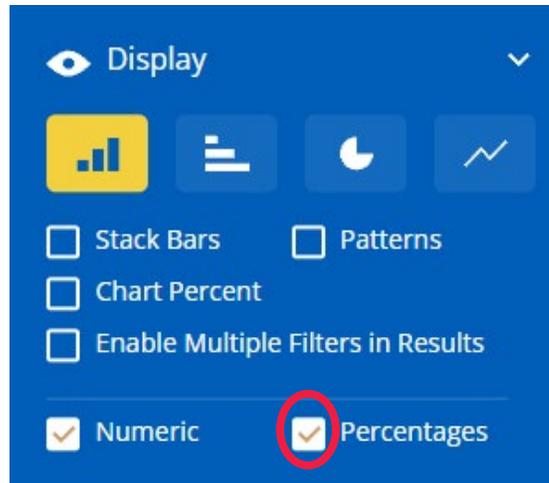
### ✓ CHECK YOUR DATA:

Did your filter/disaggregation produce the following numbers in the display?

Student Distance Ed	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Both	2,321	1,807	1,659	924	1,225	1,210
Distance Ed Only	375	1,393	1,346	2,405	2,401	2,096
Onground Only	1,128	934	608	241	245	321
<b>Total</b>	<b>3,824</b>	<b>4,134</b>	<b>3,613</b>	<b>3,570</b>	<b>3,871</b>	<b>3,627</b>

## STEP 5: COMPUTE THE PERCENTAGE OF BUSINESS STUDENTS BY DISTANCE EDUCATION STATUS

In the “display” section in the “filters” menu, click the “%” button which will calculate the percentage of business students in each fall term by distance education status.



### CHECK YOUR DATA:

Did your filter/disaggregation produce the following numbers in the display?

Student Distance Ed	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Both	61%	44%	46%	26%	32%	33%
Distance Ed Only	10%	34%	37%	67%	62%	58%
Onground Only	29%	23%	17%	7%	6%	9%
Total	100%	100%	100%	100%	100%	100%

### INTERPRETATION OF THE DATA:

In Fall 2019, 71% (61% in “Both” + 10% in “Distance Ed Only”) of U.S. resident, business department students were enrolled in a distance learning course. By Fall 2024, the percentage of those who enrolled in a distance learning course grew by 20%, from 71% to 91% (33% in “Both” + 58% in “Distance Ed Only”).

What other trends do you observe?

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# Training Exercise #2

## Course Success Rates in Highest Enrolled History Courses Disaggregated by Race/Ethnicity and Gender

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Note: This exercise builds on the skills acquired after completion of Exercise #1. Please complete the first exercise before attempting Exercise #2.

In this exercise, you will learn how to use the following functions in Precision Campus:

- **USE MULTI UNIT SELECTION** to filter for more than one department, course, or program in the organization tree;
- **USE MULTIPLE FILTERS AT ONCE** to disaggregate the data by more than one course or student attribute; and,
- **SAVE REPORTS** to the clipboard.

## Scenario

As the chair of the History Department, you are interested in examining course success rates in the two highest enrolled courses (HIST 10 and HIST 11) in one chart. You have used the Precision Campus tool to find course success rates for a single course; but you want to see course success for two courses at once for the Fall 2023 term. In addition, to support your department's equity efforts, you want to disaggregate the data by both student race/ethnicity AND gender. You would like to save the report so that you are able to pull it up in a pinch the next time you log into Precision Campus.

PARAMETERS	MEASURE
<ul style="list-style-type: none"><li>• Fall 2023 snapshot</li><li>• Filter for HIST 10 and 11 courses only</li><li>• Disaggregate by student race/ethnicity and gender</li></ul>	Course success rates

# Step-by-Step Instructions

## STEP 1: REFRESH ALL FILTERS AND SETTINGS

When navigating between data reports, Precision Campus retains the filter settings from the previous report and applies them to all other reports. To clear the existing filters and create new ones, click the “Reset All”



icon located in the top-left corner of the webpage, just below the Santa Monica College logo or click the logo itself.

## STEP 2: SELECT THE “COURSE SUCCESS RATES” REPORT

Click on either the “Fact Book” or “Program Review” menu, then navigate to the “Outcomes” subcategory. From there, select “Course Success Rates”

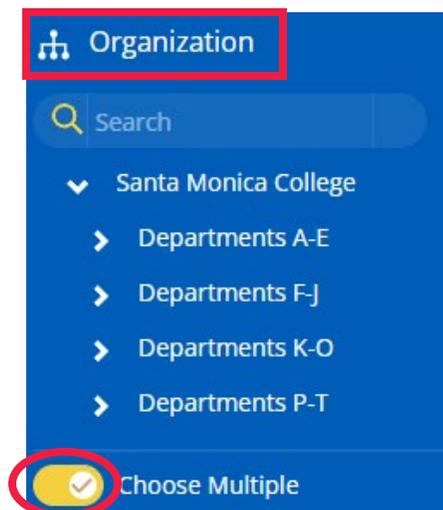
**Fact Book/Program Review → Outcomes → Course Success Rates**

The Course Success Rates report produces three measures for **credit courses only**:

- 1) **Success Count:** Number of A, B, C, P grades
- 2) **Attempts:** Number of A, B, C, D, F, I, P, NP, W grades (excludes RD, IP, and EW grades)
- 3) **Success Rate (%):** (Success Count) / (Attempts) x 100

## STEP 3: ENABLE MULTI-UNIT SELECTION

To see course success data for more than one department, discipline, or course at once, enable the multiple-unit selection button by clicking on it. The button is under the college organization tree in the filter bar.



#### STEP 4: SELECT THE TWO HISTORY COURSES

The “multi-unit selection” button will allow you to select more than one program, discipline, or course at once. Use the arrows in the organization tree and expand your options until you find HIST 10 and HIST 11. Select both courses. Then click the **REFRESH DATASET** button to activate the selections.

**Departments F-J → History → HIST → HIST 10, HIST 11**



The data in the display section should automatically update and provide you course success rates for both courses.

## STEP 5: FILTER FOR FALL 2023 TERM

Scroll down to the bottom of the “filters” section of the filter bar and click on the **right chevron**  next to “Term Range” to see all value options for the attribute. Move the sliding bar and set to “Fall 2023”.



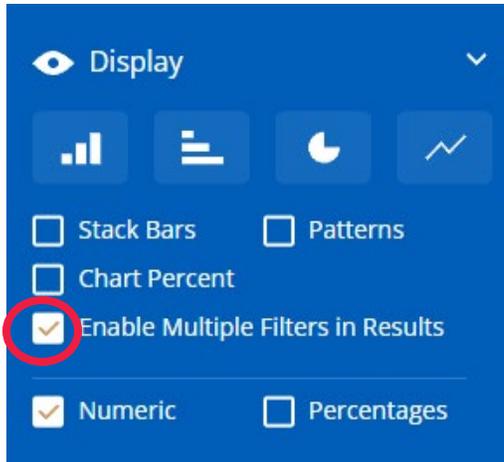
### CHECK YOUR DATA:

Did your filter produce the following values in the display?

Unit	Fall 2023		
	Success Rate	Success Count	Attempts
HIST 10	76%	389	514
HIST 11	72%	271	378
Total	N/A	660	892

## STEP 6: ENABLE MULTIPLE FILTERS

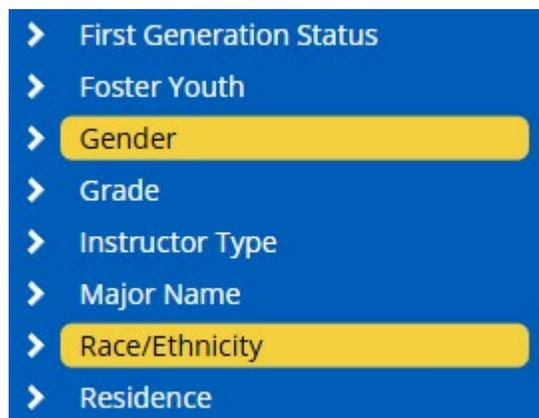
To disaggregate the course success data by more than one course or student attribute, enable the multiple filters setting by clicking on it. The button is in the “display” section of the filters bar on the left side of the page.



A check mark should appear next to “Enable Multiple Filters in Results”.

## STEP 7: DISAGGREGATE DATASET BY RACE/ETHNICITY AND GENDER

In the filter bar, click “Race/Ethnicity”. Then do the same for “Gender”. The table will automatically disaggregate the dataset by race/ethnicity and gender.

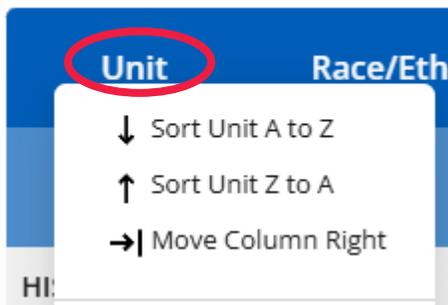


## STEP 8: REORDER THE DATA ORGANIZATION LEVELS

The data will be organized first by course, race/ethnicity, and lastly by gender.

Unit	Race/Ethnicity	Gender	Fall 2023		
			Success Rate	Success Count	Attempts
HIST 11	Asian	Female	83%	10	12
		Male	75%	6	8
	<b>Total</b>	<b>80%</b>	<b>16</b>	<b>20</b>	
	Black	Female	60%	6	10
		Male	33%	4	12
	<b>Total</b>	<b>48%</b>	<b>11</b>	<b>23</b>	
	Latine/x	Female	67%	54	81
		Male	60%	55	91

### Measures: Success Rate ar



Hover your mouse over the “Unit” header to **sort or rearrange** the order of the attributes/variables.

If your data table is not arranged first by course (unit), then race/ethnicity, then (gender), move columns to the left until they are arranged in the right order.

**CHECK YOUR DATA:**

Did your filters and actions produce the following values in the display?

Unit	Race/Ethnicity	Gender	Fall 2023		
			Success Rate	Success Count	Attempts
HIST 10	Asian	Female	94%	17	18
HIST 10	Asian	Male	69%	9	13
HIST 10	Asian	Unreported	100%	1	1
HIST 10	Black	Female	72%	18	25
HIST 10	Black	Male	70%	19	27
HIST 10	Black	Unreported	100%	2	2
HIST 10	Latine/x	Female	75%	115	154
HIST 10	Latine/x	Male	68%	67	98
HIST 10	Latine/x	Unreported	75%	3	4
HIST 10	Native American	Female	100%	1	1
HIST 10	Pacific Is.	Female	100%	1	1
HIST 10	Two or More	Female	93%	14	15
HIST 10	Two or More	Male	67%	4	6
HIST 10	Two or More	Unreported	100%	1	1
HIST 10	Unreported	Female	79%	27	34
HIST 10	Unreported	Male	79%	19	24
HIST 10	Unreported	Unreported	50%	1	2
HIST 10	White	Female	78%	36	46
HIST 10	White	Male	83%	34	41
HIST 10	White	Unreported	0%	0	1
HIST 11	Asian	Female	83%	10	12
HIST 11	Asian	Male	75%	6	8
HIST 11	Black	Female	60%	6	10
HIST 11	Black	Male	33%	4	12
HIST 11	Black	Unreported	100%	1	1
HIST 11	Latine/x	Female	67%	54	81
HIST 11	Latine/x	Male	60%	55	91
HIST 11	Latine/x	Unreported	67%	2	3
HIST 11	Two or More	Female	33%	4	12
HIST 11	Two or More	Male	60%	6	10
HIST 11	Two or More	Unreported	100%	1	1
HIST 11	Unreported	Female	93%	13	14
HIST 11	Unreported	Male	85%	17	20
HIST 11	Unreported	Unreported	100%	2	2
HIST 11	White	Female	93%	37	40
HIST 11	White	Male	87%	52	60
HIST 11	White	Unreported	100%	1	1

## STEP 9: SAVE THE REPORT TO YOUR CLIPBOARD

Save the report for future uses by clicking on the “Save Report” icon on the top right section of the page:



Name your saved report in the blank box of the the popup window. Then, click “Save New Copy”.

### Save Report

Type in a name for your report

HIST 10 and HIST 11 Course Success by Race and Gender

Save New Copy

Cancel

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### INTERPRETATION OF THE DATA:

Within each racial/ethnic group, female students complete HIST 10 and HIST 11 at higher rates than their male counterparts.

What other trends do you observe in the data?

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# Training Exercise #3

## Number of Disabled Students Served in Fall Terms Disaggregated by Ed. Goal

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*Note: This exercise builds on the skills acquired after completion of Exercises #1 and 2. Please complete the first two exercises before attempting Exercise #3.*

In this exercise, you will learn how to use the following functions in Precision Campus:

- **ADD HIDDEN FILTERS** that are not in the filter bar (relevant to reports in the Special Programs menu); and,
- **EMAIL REPORTS** you are viewing to a colleague.

## Scenario

As the DSPS faculty leader, you are working on your progress update (PU; the two-year program review) with others in your department. You are interested in offering English tutoring for disabled students in your program, but you need to know whether there are a large number disabled students enrolled in English courses who have a transfer or degree goal. You want to share the data report with your colleagues who are collaborating on the program review report with you.

PARAMETERS	MEASURE
<ul style="list-style-type: none"><li>• Trend over time, last six or seven fall terms</li><li>• Enrolled in at least one English course</li><li>• Received DSPS counseling (how disabled students are defined for this exercise)</li></ul>	Number of disabled students enrolled in English classes with a degree or transfer goal

## Step-by-Step Instructions

### STEP 1: REFRESH ALL FILTERS AND SETTINGS

To clear the existing filters and create new ones, click the “Reset All” icon located in the top-left corner of the webpage, just below the Santa Monica College logo or click the logo itself.



### STEP 2: SELECT THE “STUDENT HEADCOUNT” REPORT IN THE “SPECIAL PROGRAMS” MENU

Click the “Special Programs” menu, then navigate to the “Enrollment” subcategory. From there, select “SP: Student Headcount” **Special Programs → Enrollment → SP: Student Headcount**

### STEP 3: FILTER OUT NON-DSPS COUNSELING STUDENTS

Scroll down to the “filters” section of the filter bar and click on the **right chevron**  next to “SP: DSPS Counseling” to see all value options for the attribute.



Filter out the “not DSPS” students by placing your cursor over the “not DSPS” and selecting the CTRL button while clicking the mouse.

The checkmark next to “not DSPS” should disappear, and the data set will automatically update to filter for only DSPS students.



### STEP 4: FILTER FOR THE LAST SIX FALL TERMS

Scroll down to the bottom of the “filters” section of the filter bar and click on the **right chevron**  next to “Term Range” to see all value options for the attribute. Then, move the slider bar and set it to “Fall 2019 to Fall 2024”.



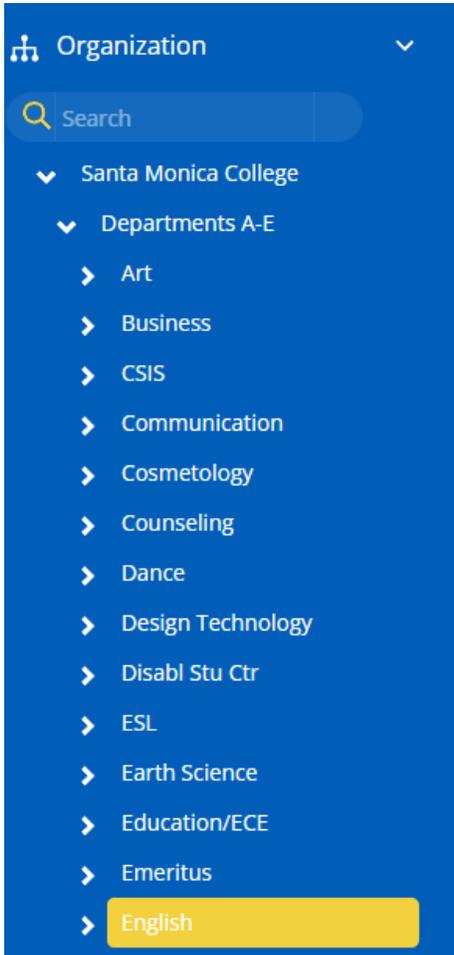
### CHECK YOUR DATA:

Did your filter produce the following numbers in the display?

	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Measures	2,184	1,750	1,695	1,768	1,828	1,967

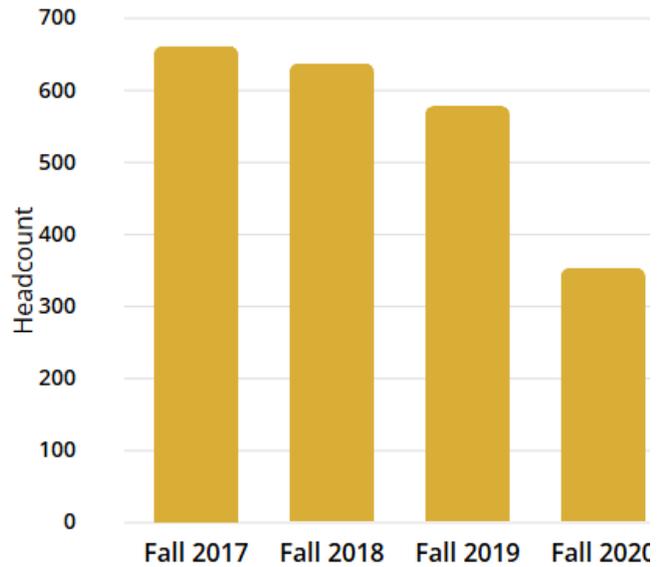
## STEP 4: FILTER FOR STUDENTS ENROLLED IN ENGLISH COURSES

Click on the arrows in the organization tree/filter bar on the top left corner of the report to expand the options until you find the “English” department. Select it. **Departments A – E → English**



SP: Student Headcount | English

Limits: SP: DSPTS Counseling DSPTS



Limits: SP: DSPTS Counseling DSPTS



### CHECK YOUR DATA:

Did your filter produce the following numbers in the display?

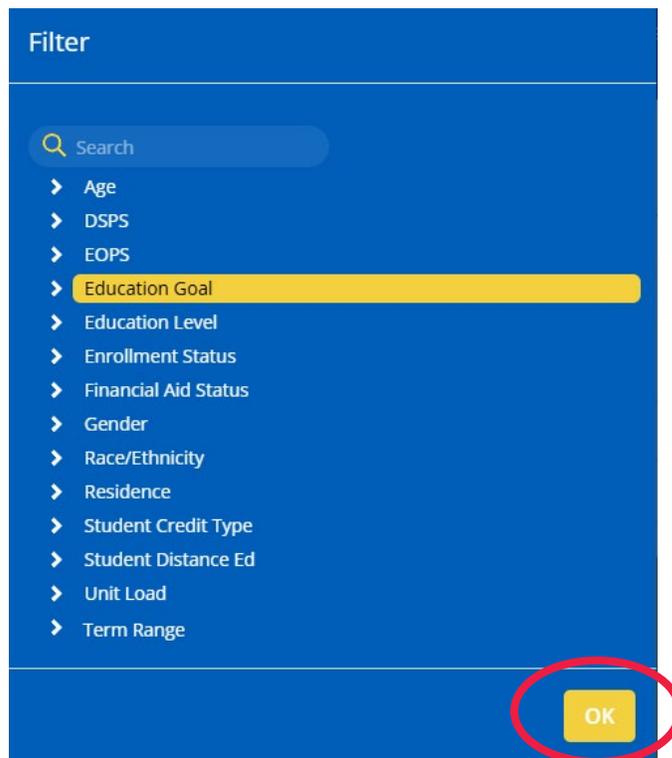
	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Measures	578	353	317	395	440	478

## STEP 5: DISAGGREGATE DATA BY STUDENT EDUCATIONAL GOAL

The “Educational Goal” filter is not listed in the main filter section. Some student or course attribute filters are “hidden” by default and can be accessed by clicking the **MORE** icon at the very bottom of the “filter section”.



The hidden filter menu will appear. Click on “Educational Goal” to disaggregate the data by students’ educational goal status. Then, click “OK” at the bottom of the menu to apply the filter.





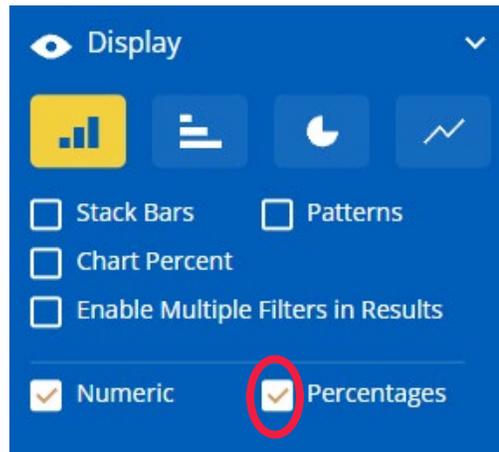
## CHECK YOUR DATA:

Did your filter/disaggregation produce the following numbers in the display?

Education Goal	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
AAAS	22	9	17	12	22	27
Career	5	2	2	3	9	4
Educational Development	4	2	1	4	6	1
Other	3	2	4	2	1	0
Transfer	506	316	273	349	375	420
Undecided	22	10	9	13	19	17
University or 4-Yr Stu	4	9	3	3	3	3
Unreported	10	2	5	8	5	3
<b>Total</b>	<b>578</b>	<b>353</b>	<b>317</b>	<b>395</b>	<b>440</b>	<b>478</b>

## STEP 6: COMPUTE THE PERCENTAGE OF DSPS STUDENTS ENROLLED IN ENGLISH COURSES BY EDUCATION GOAL

In the “display” section in the “filters” menu, click the “%” button which will calculate the percentage of DSPS students enrolled in English courses each fall term by education status.





## CHECK YOUR DATA:

Did your filter/disaggregation produce the following numbers in the display?

Education Goal	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
AAAS	4%	3%	5%	3%	5%	6%
Career	1%	1%	1%	1%	2%	1%
Educational Development	1%	1%	0%	1%	1%	0%
Other	1%	1%	1%	1%	0%	0%
Transfer	88%	90%	86%	88%	85%	88%
Undecided	4%	3%	3%	3%	4%	4%
University or 4-Yr Stu	1%	3%	1%	1%	1%	1%
Unreported	2%	1%	2%	2%	1%	1%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

## STEP 7: EMAIL DATA REPORT

Email a PDF version of the chart and table by clicking on the “Email Report” icon on the top right corner of the page.



Email Report

Recipient(s)

Your email address

Message (optional)

Paste Link to Report

Ok Cancel

Enter the recipient(s)' email address(es), your own email address, and an optional message. To send the report to multiple recipients, separate each email address with a comma.

Click “OK” to send the report.

**INTERPRETATION OF THE DATA:**

What percentage of DSPS students enrolled in English courses have a degree or transfer goal?

Based on the findings, would you recommend that the DSPS department consider exploring English tutoring support for DSPS students in their Progress Update?

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