



PRIE Data Dashboards for Instructional Program Review

Feel free to contact the PRIE Office with any questions: canprie@smccd.edu

Accessing Dashboards

The dashboards are located on PRIE’s website, pictured below. I have also linked them [here](#).

Office of Planning, Research, and Institutional Effectiveness (PRIE)

Overview

Welcome to the Office of Planning, Research and Institutional Effectiveness (PRIE) at Cañada College. Reporting to the College President, our work is driven by the Mission, Vision, and Values of the College and is dedicated to supporting the institution's Educational Master Plan and strategic priorities as outlined in the Annual Strategic Plan.

We provide support in the area of research, strategic planning, student learning outcomes, administrative systems, accreditation, and governance processes to help faculty, staff, and administrators better understand and serve our community and our students. We support the planning and decision-making process at Cañada College that focuses on student success. All research conducted and used for dialogue, reflection, planning and decision-making comes from data that are tested for validity and significance, and derived from reliable sources.

Featured Items

Cañada College Internal Equity Report 2022

Data Requests

PRIE provides guidance, research, data analysis in support of student learning outcomes, institutional outcomes, planning

The three main dashboards at the top are the Student Enrollment, Course Outcomes, and Equity Dashboard.

Cañada College Program Review Data Dashboards



Student Enrollment
(Use to answer question 7A in Program Review)

Details



Course Outcomes
(Use to answer questions 7A, 7B, 8A and 8C in Program Review)

Details



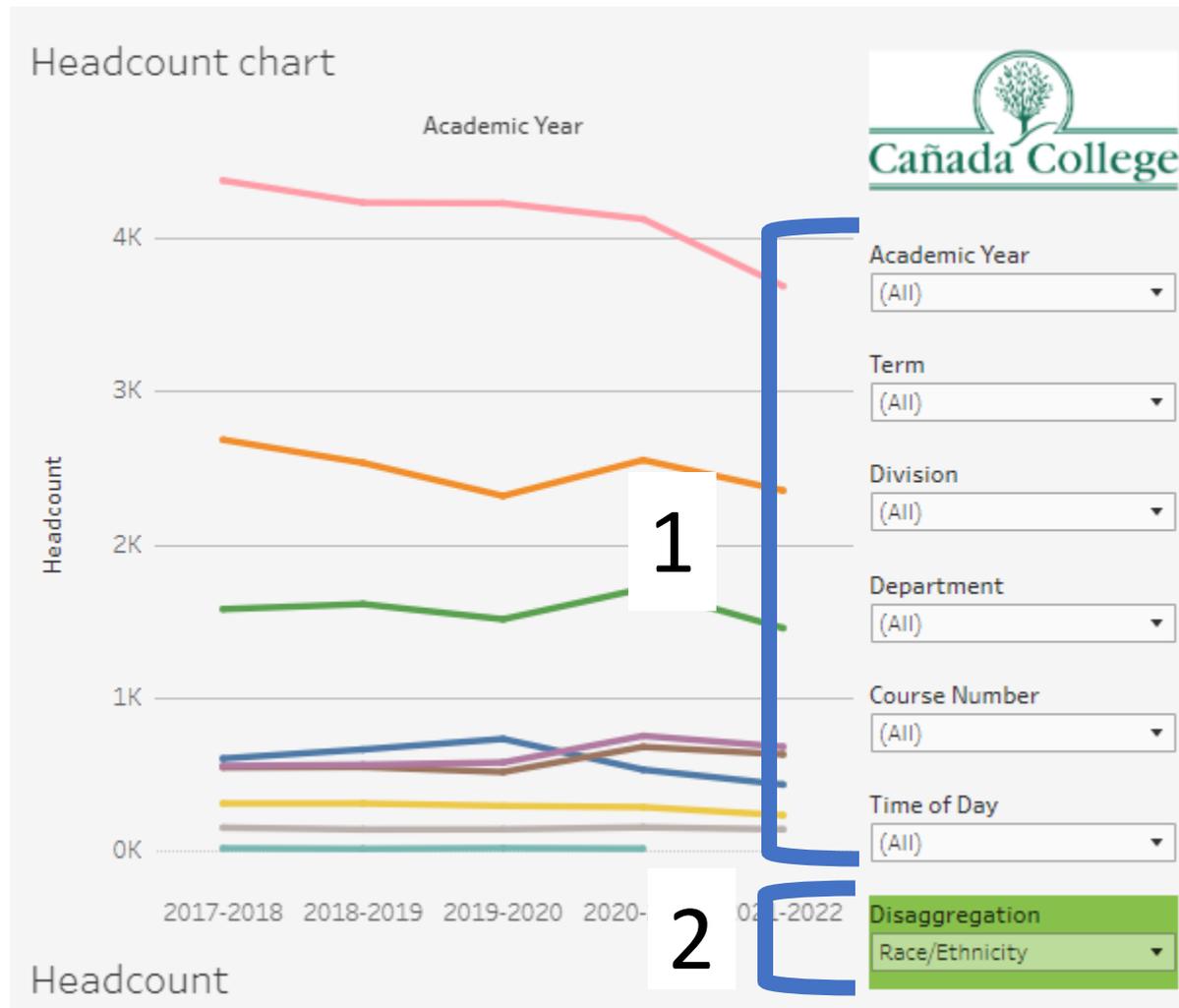
Equity Dashboard
(Use to answer question 8B in Program Review)

Details



- **Student Enrollment** provides Headcount and enrollment information that can be disaggregated by demographic variables.
- **Course outcomes** details many metrics about a given department or course, such as Success Rate, Retention rate, FTES, FTEF, LOAD, section counts, and Fill rates. This also allows for examining course level outcomes by demographic variables.
- **Equity and Disproportionate Impact** provides analysis of Disproportionate Impact across Access, Success, and Withdraw rates. Disaggregated items in red text are showing statistical Disproportionate Impact for that subgroup.

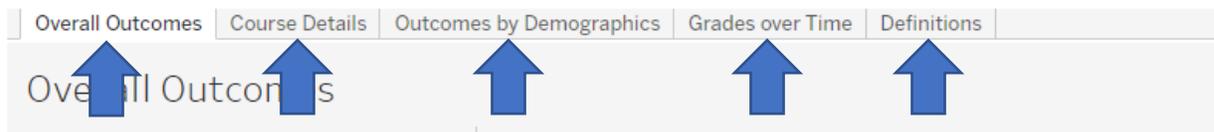
General Dashboard Features



Most dashboards will have both **Filters (1)** and **Disaggregations (2)**. A filter will *remove* data from the dashboard. E.g., unchecking 2017-2018 in the Academic Year filter will remove that whole year's worth of data. This is how you drill down to specific Divisions/Departments/Courses. Filters will always be black text with a white background.

Disaggregations allow you to compare the given data across a given metric. In the above picture, Headcount is being disaggregated by Race/Ethnicity, allowing comparison of headcounts across the

race/ethnicity variables. Disaggregations will always be black text on a green background, to distinguish them from standard filters.



Some dashboards have multiple pages. This is displayed at the top of the dashboard, and each of these sections is a different page. The current page will be displayed in white (Overall Outcomes in this example).

Program Review Questions

7A – general information on Enrollment trends and trends disaggregated by demographics can be found in **Student Enrollment**. FTES and LOAD information can be found in **Course Outcomes**.

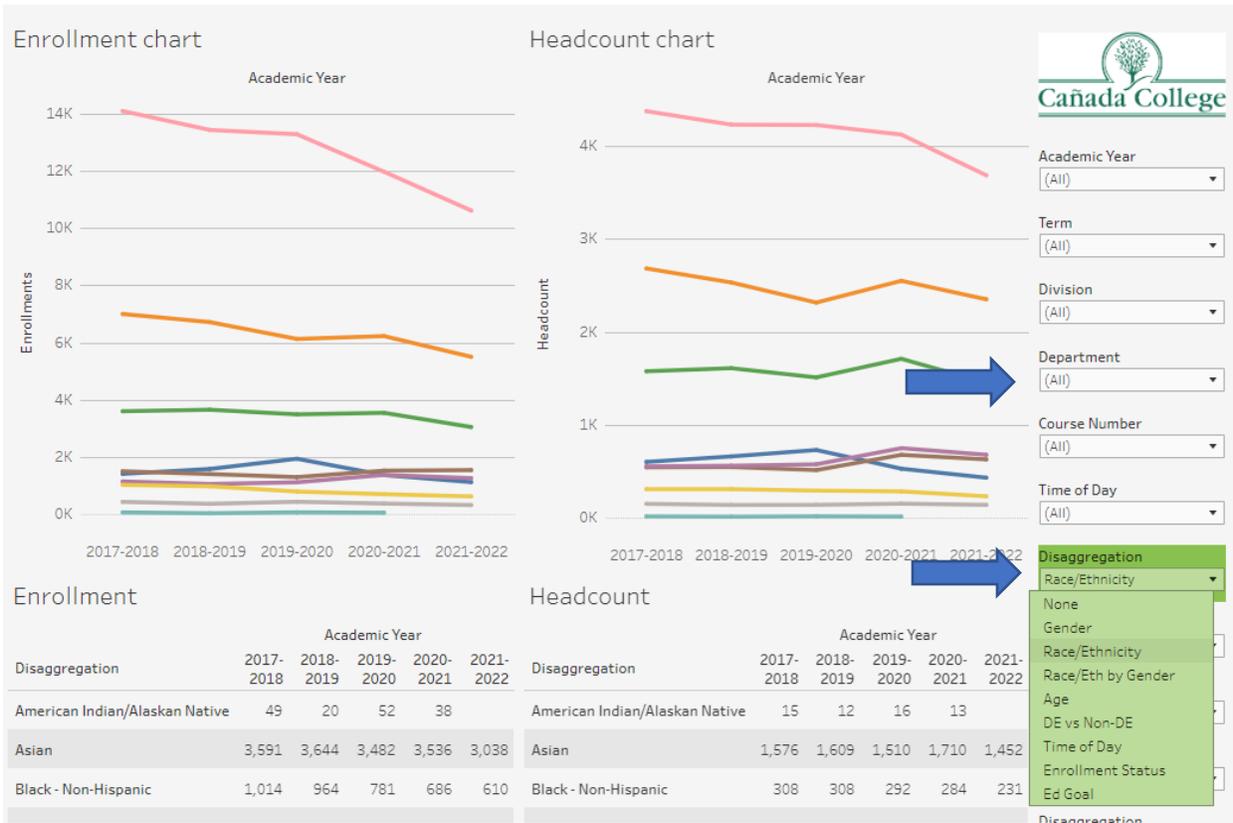
7B – In addition to the trend data described above, Course level offerings can be found in **Course Outcomes** in the “Course Details” tab.

8A – In addition to the data packets, **Course Outcomes** has multiple different ways to examine completion and success rates. Overall department success and retention can be found on the “Overall Outcomes,” while individual courses can be compared in the “Course Details” tab. Course outcomes can also be compared by different demographics in the “Outcomes by Demographics” tab. Finally, the distributions of different grades can be compared in the “Grades over Time” tab.

8B – The **Equity and Disproportionate Impact** dashboard provides the DI information for Access, Success, and Withdraw rate disaggregations. The data in the packets was pulled from this dashboard.

8C – In addition to the data packet, this information can be found in the **Course Outcomes** dashboard by disaggregating on contact type.

Student Enrollments



To examine enrollment and headcount trends, first select your department(s) and then select a variable to disaggregate on. The disaggregation will create a line in the graph, and a row in the table for each level of that variable (e.g., one line and row for each race/ethnicity as pictured). Flat lines indicate stable enrollment or headcount, while increasing or decreasing lines indicate a trend of increasing or decreasing enrollment or headcount.

Course Outcomes

Overall Outcomes

Time Detail	Disaggregation	Course Census En.	Success	Success Rate	Retention	Retention Rate	Total FTEF	Total Ftes	Total Wsch	Avg. Total Load	Section Count	Max Enrollment	Fill Rate
2017-2018		29,724	21,605	72.7%	25,071	84.3%	233.34	3,624.2	108,725	386	1,029	39,061	76.1%
2018-2019		28,604	20,873	73.0%	24,367	85.2%	228.75	3,502.4	105,073	387	1,002	37,882	75.5%
2019-2020		27,893	19,941	71.5%	23,424	84.0%	223.72	3,337.3	100,120	370	994	38,014	73.4%
2020-2021		26,732	19,492	72.9%	22,590	84.5%	210.70	3,244.1	97,323	393	926	36,608	73.9%
2021-2022		23,476	16,894	72.0%	20,098	85.6%	207.67	2,891.3	86,738	316	913	35,971	65.3%

* NOTE: All metrics for subpopulations with fewer than 10 students are suppressed. 6/9/2022 12:42:13 AM. To avoid misinterpretation of dashboard data, consultation with PRIE is strongly recommended prior to using any of the data for research or publication.



Academic year
(All)

Term
(All)

Major Term
(All)

Division
(All)

Department
(All)

Course Number
(All)

Contact type
(All)

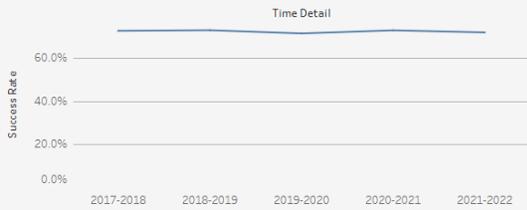
Time of Day
(All)

Time Detail
Year

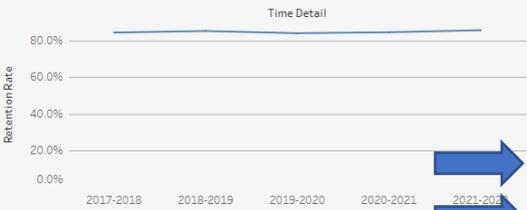
Disaggregation
All

Disaggregation

Success



Retention



On the **Overall Outcomes** tab, you can view trends for many metrics. Start by selecting your department(s) and then pick whether you want to view the metrics in the Year level of detail or Semester level of detail with the Time Detail Disaggregation. You can also disaggregate across some Section Characteristics to view in the table and also the differences in Success and Retention.

Course Details

Academic year	Term	Department	Course Number	Course Census Enrollment	Success	Success Rate	Retention	Retention Rate	Total FTEF	Total Ftes	Total Wsch	Total Load	Section	
2017-2018	Summe...	Accounting	121	42	23	54.8%	33	78.6%	0.27	5.6	168	630		
			100	27	15	55.6%	21	77.8%	0.20	2.7	81	405		
	Fall 2017	Accounting	121	95	55	57.9%	67	70.5%	0.80	12.7	380	1,425		
			131	36	22	61.1%	27	75.0%	0.53	4.8	144	540		
	2018-2019	Spring 2018	Accounting	200	22	15	68.2%	16	72.7%	0.20	2.4	73	363	
				100	14	4	28.6%	8	57.1%	0.20	1.4	42	210	
Summe...		Accounting	121	57	35	61.4%	44	77.2%	0.53	7.6	228	855		
			131	28	20	71.4%	25	89.3%	0.27	3.7	112	195		
2019-2020	Fall 2018	Accounting	180	22	19	86.4%	22	100.0%	0.10	1.0	30	302		
			121	21	11	52.4%	11	52.4%	0.27	2.8	84	315		
	Spring 2019	Accounting	121	88	52	59.1%	67	76.1%	0.80	9.2	276	1,035		
			131	38	28	73.7%	34	89.5%	0.53	3.1	92	345		
	2020-2021	Fall 2019	Accounting	200	29	20	69.0%	24	82.8%	0.20	3.2	96	479	
				100	15	8	53.3%	10	66.7%	0.20	1.7	50	248	
Spring 2020		Accounting	121	72	55	76.4%	62	86.1%	0.80	9.6	288	1,080		
			131	23	20	87.0%	20	87.0%	0.53	0.0	0	0		
2021-2022	Fall 2020	Accounting	180	15	9	60.0%	12	80.0%	0.10	0.7	21	105		
			121	17	5	29.4%	9	52.9%	0.27	2.3	68	255		
	Spring 2021	Accounting	100	23	13	56.5%	15	65.2%	0.20	2.3	69	327		
			121	103	63	61.2%	83	80.6%	0.80	13.7	412	1,545		
	Fall 2021	Accounting	131	41	36	87.8%	36	87.8%	0.53	4.1	124	465		
			200	22	17	77.3%	18	81.8%	0.20	2.2	66	330		
2022-2023	Spring 2022	Accounting	100	22	17	77.3%	20	90.9%	0.20	2.2	66	330		
			121	79	39	49.4%	51	64.6%	0.80	10.5	316	1,185		
	Fall 2022	Accounting	131	57	35	61.4%	44	77.2%	0.53	7.6	228	855		
			180	30	20	66.7%	26	86.7%	0.10	1.5	45	450		



Academic year
(All)

Term
(All)

Major Term
(All)

Division
(All)

Department
Accounting

Course Number
(All)

Contact type
(All)

Time of Day
(All)

In **Course Details** you can compare courses over time, across many metrics. Select your department(s) (Accounting has been selected in the example above). You can also select specific courses to focus on, by selecting them from the Course Number filter.

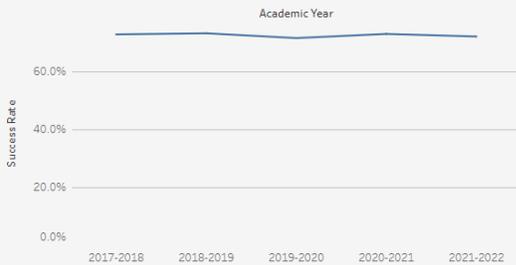
Outcomes by Demographics

Academic year	Demographi Disagg.	Census Enrollment	Success	Success Rate	Retention	Retention Rate
2017-2018		30,194	21,955	72.7%	25,471	84.4%
2018-2019		29,138	21,294	73.1%	24,840	85.2%
2019-2020		28,465	20,334	71.4%	23,904	84.0%
2020-2021		27,048	19,708	72.9%	22,851	84.5%
2021-2022		23,999	17,274	72.0%	20,538	85.6%

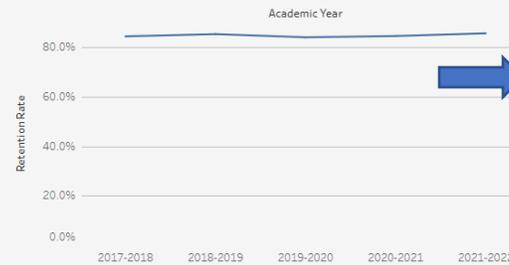


- Academic year: (All)
- Term: (All)
- Major Term: (All)
- Division: (All)
- Department: (All)
- Course number: (All)
- Contact type: (All)
- Demographic Disaggregation: All
- Age Group: (All)
- Gender: (All)
- Race/Ethnicity: (All)
- Demographic: []

Success Rates



Retention Rates



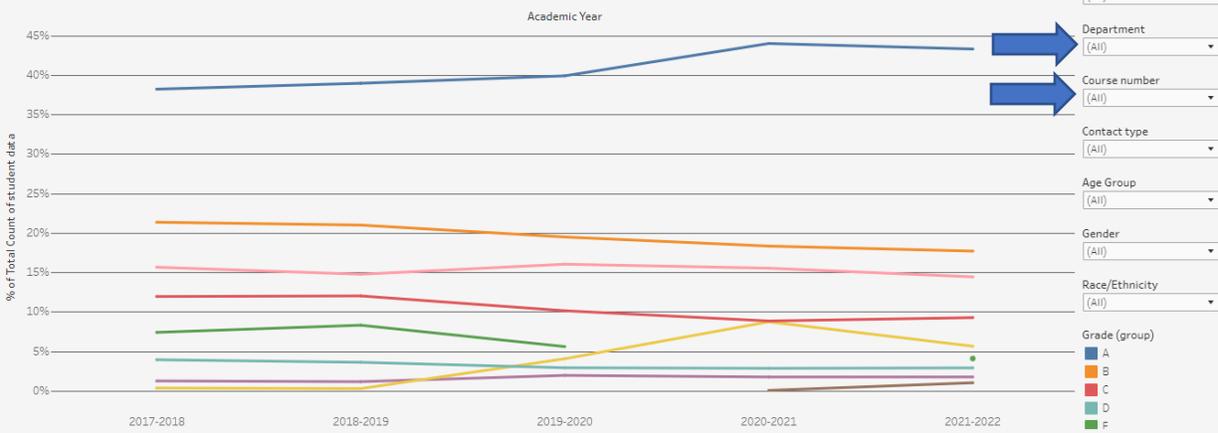
In the **Outcomes by Demographics** tab you can examine the longitudinal Success and Retention rates for multiple demographic sub-groups in a similar manner to the **Student Enrollment** dashboard with each subgroup getting a separate row in the table and line on the chart. You can also filter out different demographics. For instance, if you select Race/Ethnicity in the demographics and filter to just Males, you can examine trends for Male students of the various Race/Ethnicity subgroups.

Grades over Time

Academic Year	A	B	C	D	F	NP	Others	P	W
2017-2018	11,535	6,445	3,602	1,184	2,230	101		373	4,723
2018-2019	11,349	6,114	3,498	1,048	2,417	78		333	4,298
2019-2020	11,355	5,543	2,883	827	1,590	1,151		553	4,561
2020-2021	11,896	4,954	2,388	767		2,359	11	470	4,197
2021-2022	10,390	4,245	2,221	693	978	1,352	241	418	3,461

2019-2020, 2020-2021, and 2021-2022 grades may not reflect previous data due to the impact of Covid-19

Grade Graph



Counts under 10 have been suppressed to protect student privacy.

In the **Grades over Time** dashboard you can view the breakdown of grades by Department or Course number.

Equity & Disproportionate Impact

Access

Disaggregation	Academic Year	Headcount	Headcount%	College Headcount %	Access Gap	Access Margin of E..
Asian	2021-2022	1,448	15.1%	15.1%	0.0%	3.0%
Black - Non-Hispanic	2021-2022	231	2.4%	2.4%	0.0%	6.4%
Filipino	2021-2022	676	7.1%	7.1%	0.0%	3.8%
Hispanic	2021-2022	3,684	38.4%	38.4%	0.0%	3.0%
Multiraces	2021-2022	628	6.6%	6.6%	0.0%	3.9%
Pacific Islander	2021-2022	139	1.5%	1.5%	0.0%	8.3%
Unknown	2021-2022	423	4.4%	4.4%	0.0%	4.8%
White Non-Hispanic	2021-2022	2,348	24.5%	24.5%	0.0%	3.0%

Success

Disaggregation	Academic Year	Enrollment	Success %	Overall Success %	Success Gap	Success Margin of E..
Asian	2021-2022	3,028	80.9%	72.5%	8.4%	3.0%
Black - Non-Hispanic	2021-2022	610	60.3%	72.5%	-12.2%	4.0%
Filipino	2021-2022	1,247	73.1%	72.5%	0.6%	3.0%
Hispanic	2021-2022	10,617	66.7%	72.5%	-5.7%	3.0%
Multiraces	2021-2022	1,526	79.6%	72.5%	7.1%	3.0%
Pacific Islander	2021-2022	307	67.4%	72.5%	-5.1%	5.6%
Unknown	2021-2022	1,092	70.7%	72.5%	-1.8%	3.0%
White Non-Hispanic	2021-2022	5,501	78.7%	72.5%	6.2%	3.0%

Withdraws

Disaggregation	Academic Year	Enrollment	Withdraw %	Overall Withdraw %	Withdraw Gap	Withdraw Margin of E..
Asian	2021-2022	3,028	10.8%	14.5%	-3.7%	3.0%
Black - Non-Hispanic	2021-2022	610	21.1%	14.5%	6.7%	4.0%
Filipino	2021-2022	1,247	15.6%	14.5%	1.1%	3.0%
Hispanic	2021-2022	10,617	16.4%	14.5%	1.9%	3.0%
Multiraces	2021-2022	1,526	11.7%	14.5%	-2.8%	3.0%
Pacific Islander	2021-2022	307	17.3%	14.5%	2.8%	5.6%
Unknown	2021-2022	1,092	15.2%	14.5%	0.7%	3.0%
White Non-Hispanic	2021-2022	5,501	12.3%	14.5%	-2.2%	3.0%



AY 17-18 to 21-22

Disaggregation: Race/Eth

Academic Year: 2021-2022

Term: (All)

Interest area: (All)

Division: (All)

Department: (All)

Course Number: (All)

Contact type: (All)

Time of Day: (All)

The **Equity & Disproportionate Impact** dashboard will show any disproportionate impact that exceeds the Margin of Error in the Access, Success, and Withdraw rate metrics. The margin of error is related to the sample size in question, so smaller populations have larger Margins of Error. Once you have selected your Department(s) and optionally specific courses, you can use the disaggregation to explore any disproportionate impact that may appear. If the gap between the subgroup and the average rate is greater than the Margin of Error, the text will be displayed in **red**, indicating Disproportionate Impact (Show for Black – Non-Hispanic and Hispanic students for the Success Metric and Black Non-Hispanic students for the withdraw rate metric).

Access is an indicator of what student subgroups are enrolling in your courses, based on unique student counts. Success is the rate at which different student subgroups pass courses and is based on enrollments. Withdraws is the rate at which a student withdraws from a course, and higher numbers are worse, as they indicate greater withdraw rates.