

STUDENT AND PROGRAM REPORTS DASHBOARD USER GUIDE

Created Autumn 2021



**THE OHIO STATE
UNIVERSITY**

GRADUATE SCHOOL

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Summary of User Guide

This user guide is intended for researchers of all levels who wish to explore the *Student and Program Reports* dashboards made available through The Ohio State University Graduate School. These reports provide valuable data longitudinally for students and programs through various sorting filters which are explained in this guide. The Student and Program Reports dashboard contains data covering but not limited to applications, enrollments, retention rates, and degrees awarded. Data can be visualized through multiple types of charts as well as seen as data tables. This guide will provide you with basic step by step instructions for navigating the most popular types of inquiries. If there are specific inquiries you wish to make that requires additional support, please contact The Ohio State Graduate School for more information.

This dashboard was produced in conjunction with Ohio State’s membership in the Coalition for Next Generation Life Science (nglscoalition.org). Each of the 53 member institutions agree to follow the reporting guidelines of the Coalition. For example, the admissions data only reflects Autumn semester data. The intended audience for this dashboard is prospective graduate students, though it may appeal to other audiences. Also, a note for Tableau users, if you have Tableau open and attempt to access this dashboard, you may get an error loading the page. To fix this, you can open an incognito internet browser and access the dashboard.

Navigating to Student and Program Reports

1. Go to <https://gradsch.osu.edu/coalition-next-generation-life-science>
2. Click “Student and Program Reports”

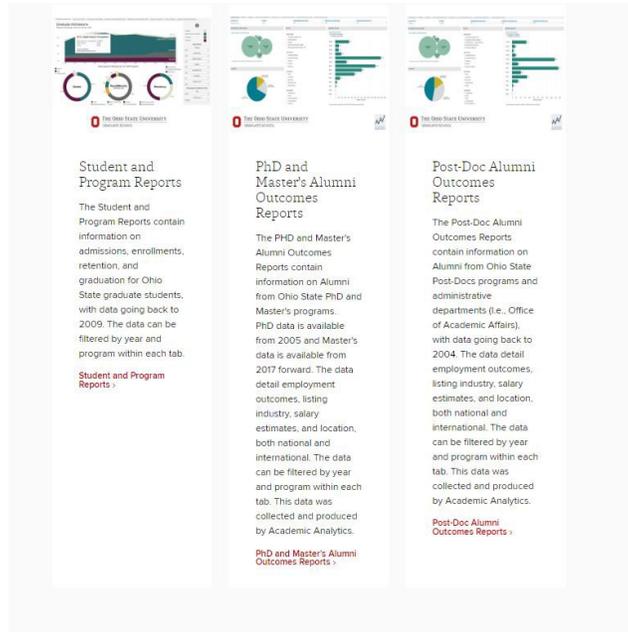


Figure 1 - Image of webpage showing 3 columns. Column one heading is circled and titled: Student and Program Reports. The other two columns are titled: Ph.D. Alumni Outcome Reports and Post-Doc Alumni Outcome Reports.

Overview of Student and Program Reports

1. The tabs at the top of the page show the different dashboard pages available for use. Navigate by selecting the tab you would like to view.
 - [Graduate Admissions](#)
 - This dashboard shows graduate students who have applied, completed an application, received admission, and enrolled with the ability to filter by program or demographics. Data are illustrated through stacked line graphs and donut charts.
 - [Enrollment Chart](#)
 - This dashboard shows graduate student enrollment (as of the 15th day census report), as illustrated through stacked bar chart.
 - [Enrollment Data Table](#)
 - This dashboard shows annual change of graduate student enrollment by race/ethnicity in data chart form.
 - [Retention and Graduation Chart](#)
 - This dashboard shows Ph.D. retention and graduation rates by three-year cohorts through stacked line graphs and donut charts.

- [Retention and Graduation Table](#)
 - This dashboard shows Ph.D. retention and graduation rates in a data chart, with donut charts for the demographic breakdown for the three-year cohorts.
- [Degrees Awarded](#)
 - This dashboard shows doctoral and masters degrees awarded by academic year.
- [Time to Degree](#)
 - This dashboard shows the time-to-degree for doctoral degrees by Academic Year.
- [Degree Code Abbreviations](#)
 - Provides a list of all degree code abbreviations



Figure 2 - Graduate admissions web page is displayed with the other dashboard tabs highlighted in yellow.

2. Every dashboard has an “i” information button. “Hover” over the *i*-button for more information on that dashboard’s data and terms. Each Dashboard has a separate *i-information* button that is unique to that set of data.

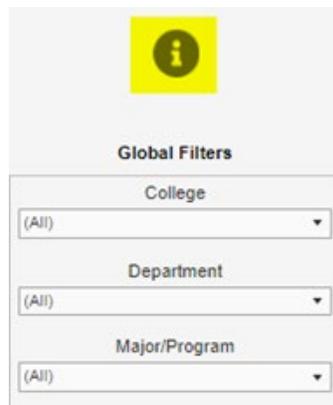


Figure 3 - *i*-button highlighted in yellow is shown. Below that are global filters

3. All dashboards have filtering options. Filters include college, department, major/program, gender, race/ethnicity. Residency, year, and others more specific to the dashboard.
 - **Global Filters**
 - Will change all graphs and charts on the page
 - **Demographic Filters**
 - Will change donut charts
 - Will **not** change line or bar charts on the page
 - **Break Bars By**
 - Unique to the stacked bar graphs.
 - Allows the user to change what data is displayed by the bar graphs.

4. Examples are shown below.

The image shows a vertical column of filter menus. The top section is titled "Global Filters" and contains nine dropdown menus: College (All), Department (All), Major/Program (All), Gender (All), Race/Ethnicity (All), Residency (All), Degree Level (All), and a highlighted Degree Level menu with a small icon. Below this is a section titled "Demographic Breakdown Filters" containing two dropdown menus: Year (2020) and Funnel Level (Applied).

Figure 4 - Column showing global filters including college, department, major/program, gender, race/ethnicity, residency, degree level is highlighted.

The image shows a vertical column of filter menus titled "Break Bars By". It contains thirteen dropdown menus: Race/Ethnicity (highlighted), Term (Autumn), College (All), Department (All), Major/Program (All), Gender (All), Race/Ethnicity (All), Underrepresented Minority (All), Residency (All), Campus (All), and Degree Level (All).

Figure 5 - Column showing drop down filters including break bars by, term, college, department, major/program, gender, race/ethnicity, underrepresented minority, is highlighted.

Navigating Graduate Admissions Page

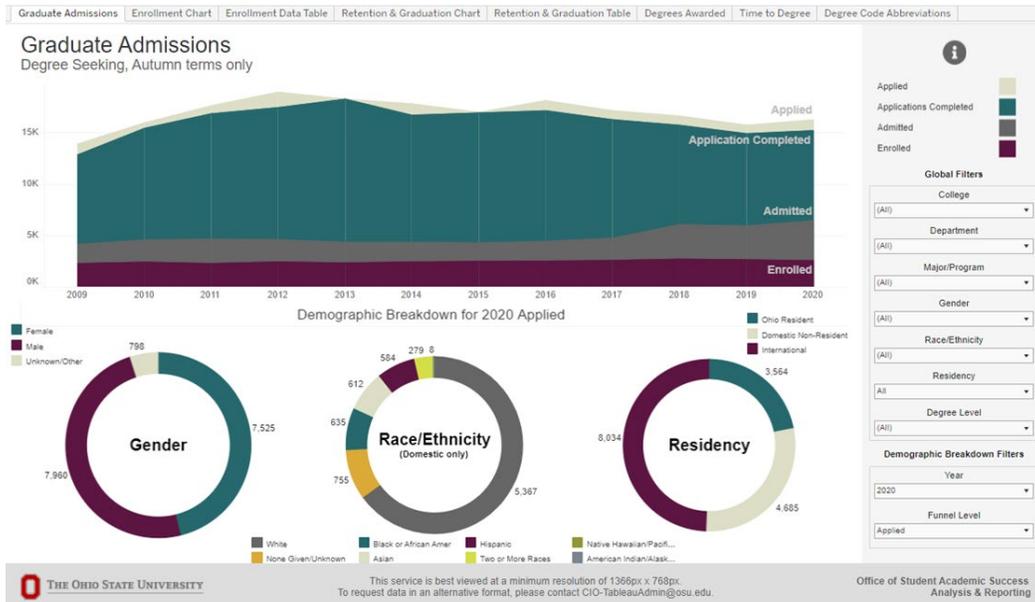


Figure 6 - Graduate admissions dashboard as shown in its default setting.

1. The Graduate Admissions dashboard shows the breakdown of students who have applied, completed an application, were admitted, and ultimately enrolled at Ohio State. There are several ways to further filter this information.
2. To filter the information, click on the "arrow" and select from the dropdown options.
3. **Note: The data set is set to default at Year: 2020 & Funnel Level: Applied**

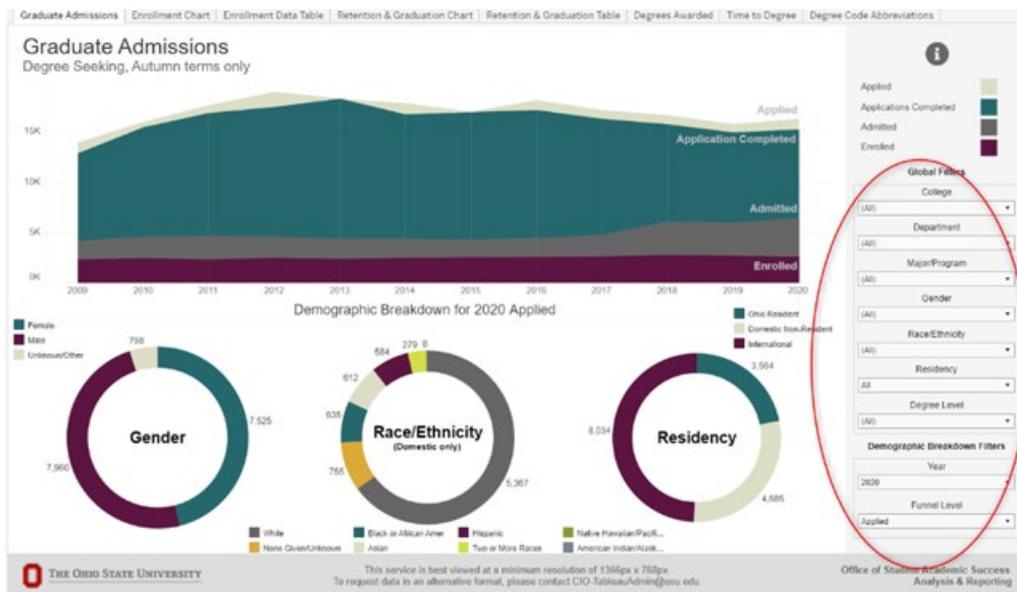


Figure 7 - Multiple graphs are shown on the page. On the right side, the global filters and demographic breakdown filters are circled in red.

4. Stacked Line Graph

- “Hover” over a category, and year to find more about that data. All categories will show the admit rate and yield. Each category will also give the number of students in that category.

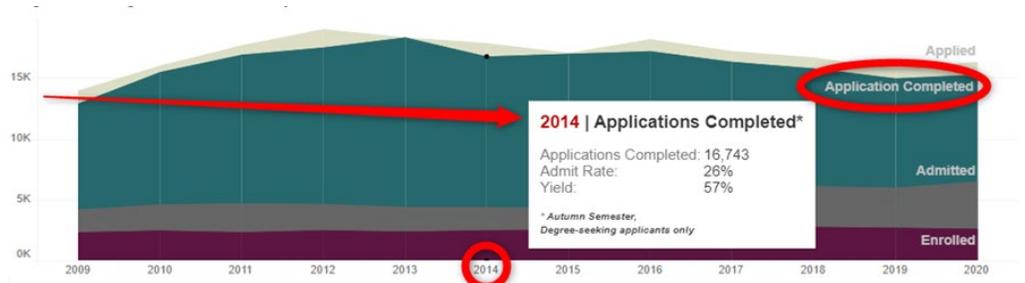


Figure 8 - Graduate admission dashboard’s stacked line graph is displayed, as an example of “hovering” over an area to display more data. A white text box with 2014 applications completed data is shown. Applications completed: 16,743, admit rate: 26%, yield 57%. The section application completed, and the year 2014, is circled in red.

5. Donut Charts

- Hovering over the center of the chart will show the available options, and definitions of those options
- Hovering over the outside data will show the numbers, percentage of, admit rate and yield for the data selected
- Note: Race/Ethnicity shows for domestic students only because race/ethnicity information is not collected on international students.

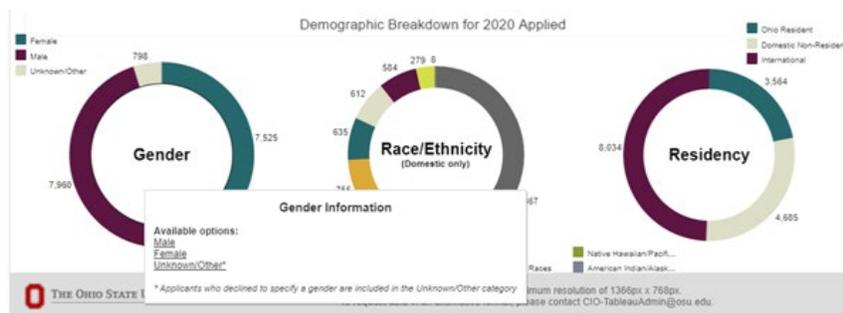


Figure 9 - Three donut charts are shown. “hovering” over gender is the example provided. A white text box shows gender information; available options: male, female, unknown/other.

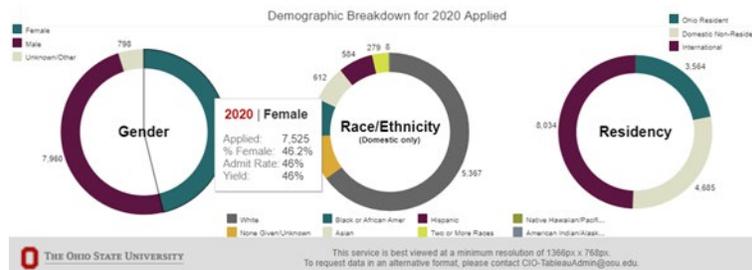


Figure 10 - Three donut charts are shown. “hovering” over female in the gender donut chart is the example provided. There is a white text box that is titled 2020 female: below is the following data: applied: 7,525; % female: 46.2; admit rate: 46%; yield 46%.

Enrollment Chart Dashboard

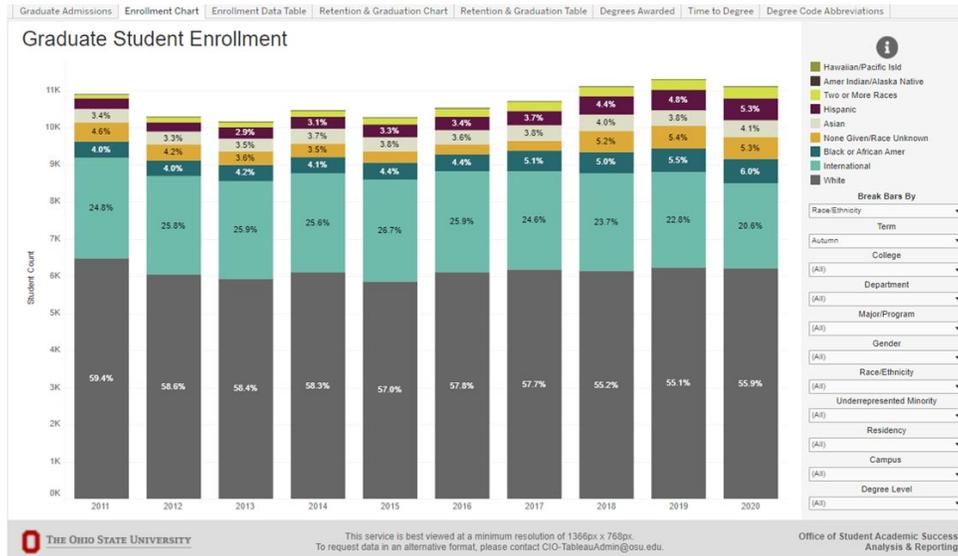


Figure 11 - Graduate student enrollment chart dashboard, as it appears in its default setting.

- Select Filters for your data set. Filter options for this dashboard include:
 - Break Bars By
 - This filter option allows you to adjust how the stacked bar graph is configured.
 - Options include Race/Ethnicity, Gender, Underrepresented Minority, Residency Level, Degree Level, and Campus
 - Other filter options are Term, College, Department, Major/Program, Gender, Race/Ethnicity, Underrepresented Minority, Residency, Campus, Degree Level.
- Hovering over a section of the bar graph will display the actual student count, as well as the percentage of the total.

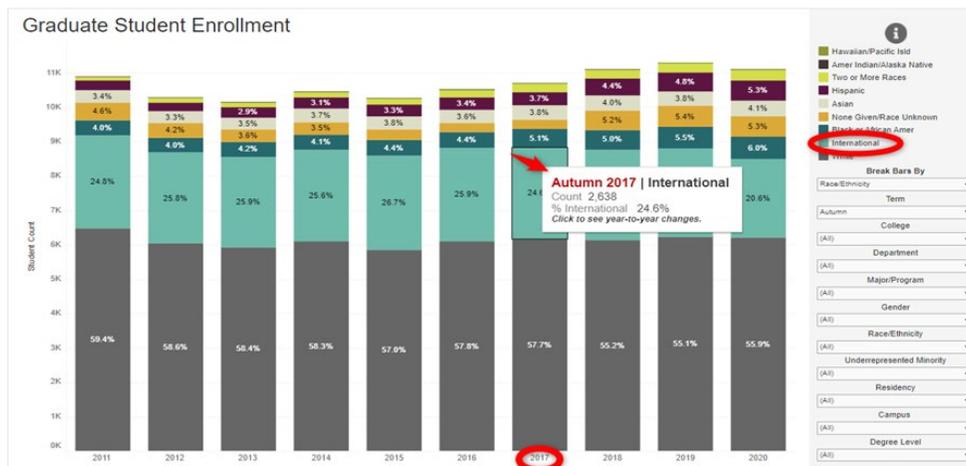


Figure 12 - Image shows stacked bar graph. There is a red arrow showing an example of "hovering" over the 2017, international student section. A white box titled autumn 2017/international is displayed with the following data: count: 2,638; % international: 24.6.

- “Clicking” on one of the sections of the bar graph will bring you to the next dashboard tab, *Enrollment Data Table*. Where the section you selected will be highlighted

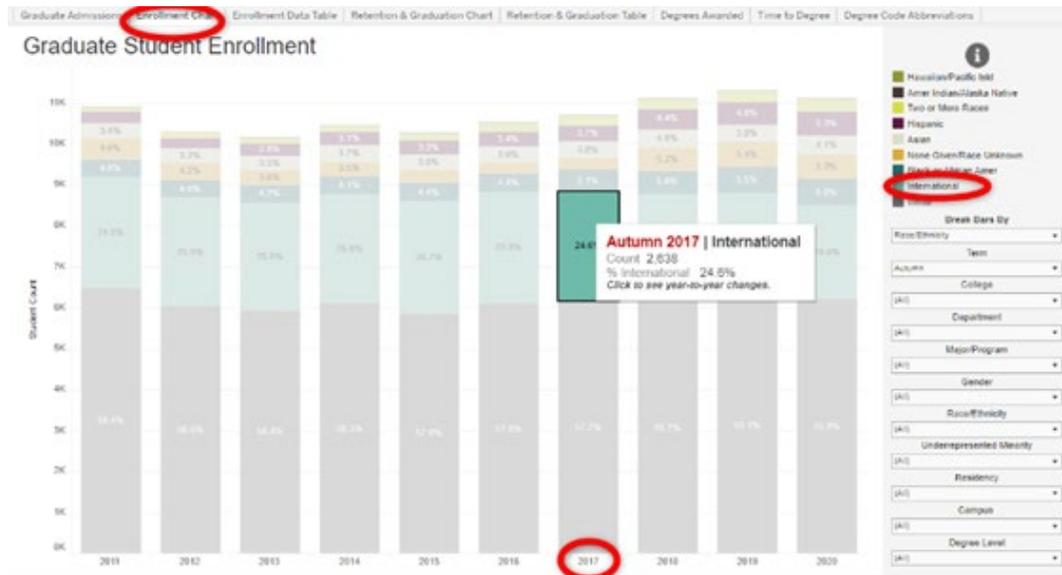


Figure 13 - Enrollment Chart tab showing user selected Autumn 2017 International data selected.

	Amer Indian/Alaska Native	Asian	Black or African Amer	Hawaiian/ Pacific Isl	Hispanic	International	None Given/Race Unknown	Two or More Races	White	Grand Total
2011 Student Count	24	373	636	1	205	2,739	341	96	6,403	10,908
2012 Student Count	24	394	636	1	229	2,851	350	130	5,633	10,207
2013 Student Count	23	391	639	0	200	2,821	360	131	5,829	10,161
2014 Student Count	19	398	634	0	214	2,871	349	100	5,887	10,001
2015 Student Count	19	387	637	0	238	2,737	360	100	5,854	10,270
2016 Student Count	19	378	652	0	262	2,721	375	111	5,889	10,320
2017 Student Count	13	411	647	0	241	2,638	379	100	6,100	10,700
2018 Student Count	19	426	657	0	244	2,638	383	104	6,138	10,713
2019 Student Count	9	425	617	0	239	2,540	411	101	6,220	10,300
2020 Student Count	11	400	661	0	227	2,290	390	100	6,200	10,110

Figure 14 - Enrollment Data Table tab showing how once the information is clicked on the Enrollment Chart tab it will display the specific data record on the Enrollment Data Table tab.

Enrollment Data Table Dashboard

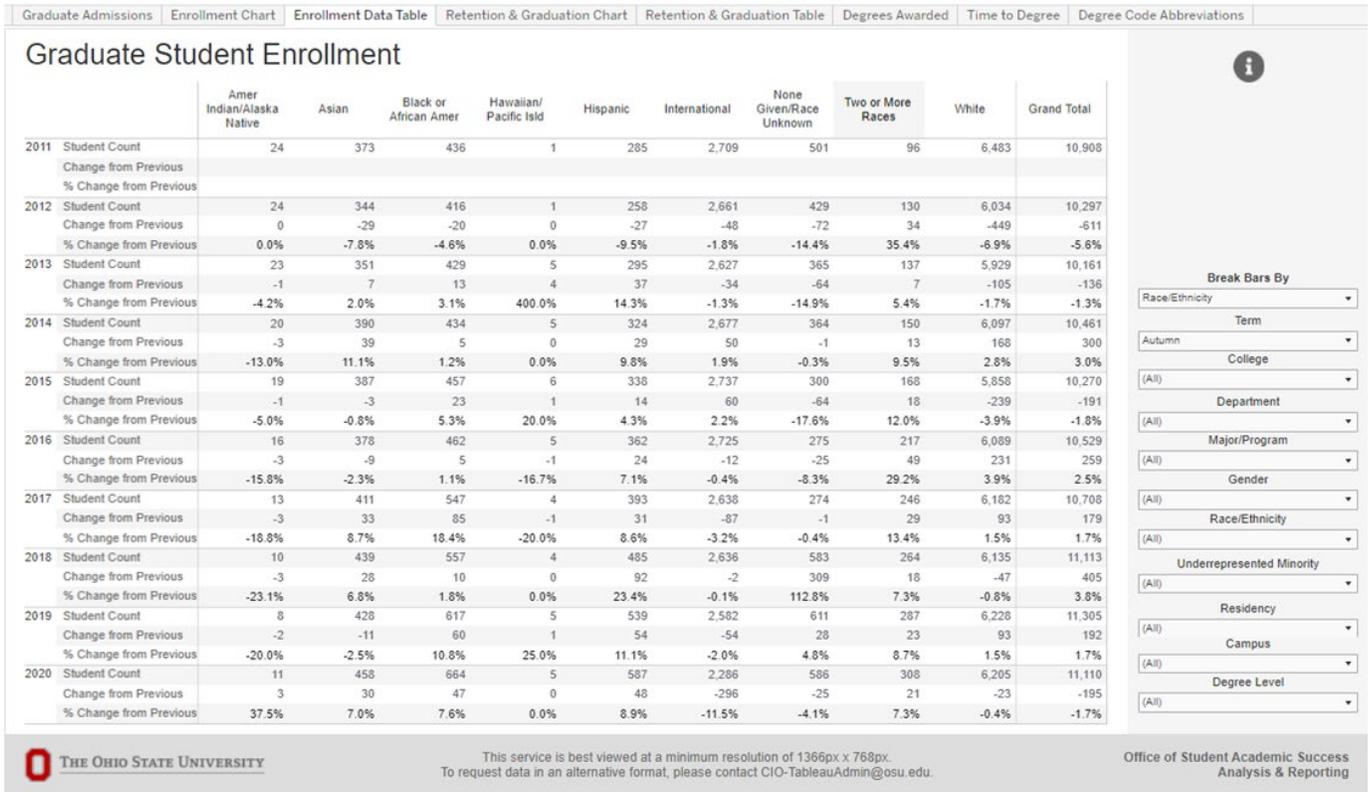


Figure 15 - Graduate student enrollment data table tab, as shown in its default setting.

1. This table can be filtered using the filters on the right-hand side. The filters are the same as in the *Enrollment Chart*, and the data correlates to the *Enrollment Chart* dashboard as well.
2. Using the **Break Bars By** filter will change which student demographic is represented.
 - a. See above example for how the two charts can be used together.

Retention and Graduation Chart Dashboard

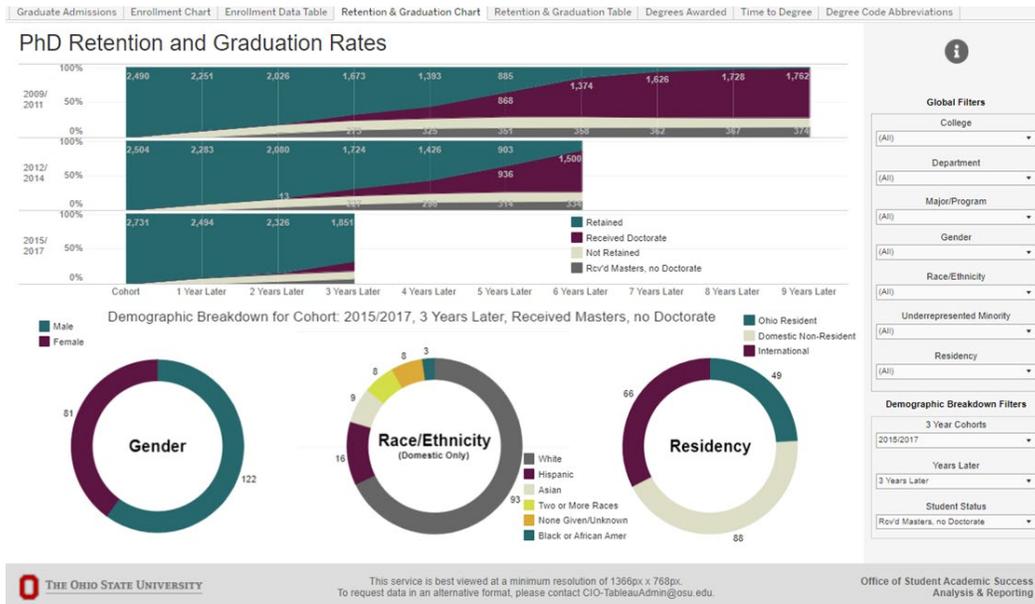


Figure 16 – Ph.D .retention and graduation rates; retention and graduation chart dashboard shown in its default settings.

1. This dashboard has stacked line charts and donut graphs that show retention and graduation for Ph.D. programs by three-year cohort
2. Using the Global Filters and the Demographic Breakdown Filters, the user can filter the information as needed
3. Stacked Line Graphs
 - a. If you “hover” over the stacked line graph it will give you the data for that area. See example below.
 - i. **Received Doctorate** →7 Years Later a total of 65.3% of students received their doctorate
 - ii. **Received Masters, No Doctorate**→7 Years Later a total of 14.5% of students earned their masters degree.
 - iii. **Total**→7 Years Later a total of 79.8% of students earned a graduate degree from Ohio State University



Figure 17 - Image shows 2009-2011 cohort data for the received doctorate category. It shows 7 years later, 1,626 students earned their doctorate, which is a total of 65.3% of the student population for this cohort.

4. Donut Charts

- a. The donut charts show the Demographic Breakdown for the three-year cohort specified by the user through the **Demographic Breakdown Filters** dropdown boxes on the lower righthand side of the dashboard.

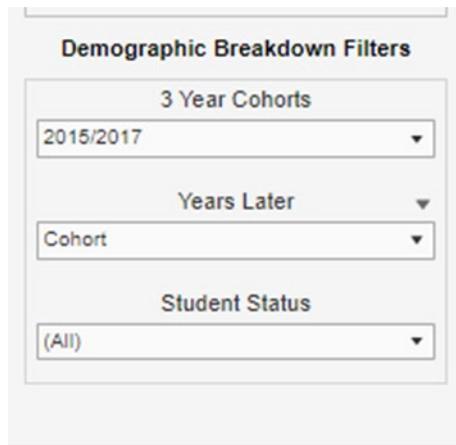


Figure 18 - Shows demographic breakdown filters

- b. "Hovering" over a section of the donut chart will give more information on that data.

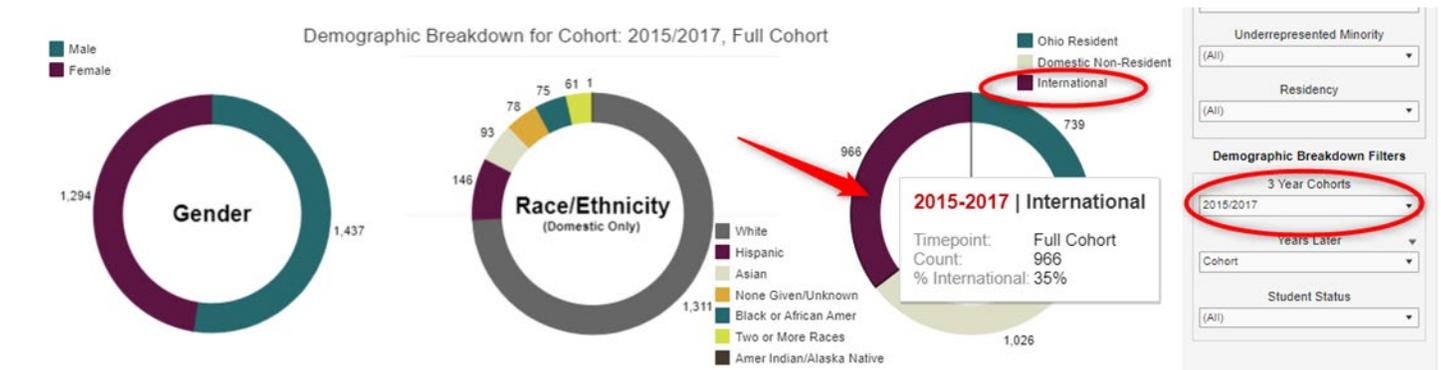


Figure 19 - Shows demographic breakdown filters for the full 2015/2017 cohort.

Retention and Graduation Table Dashboard

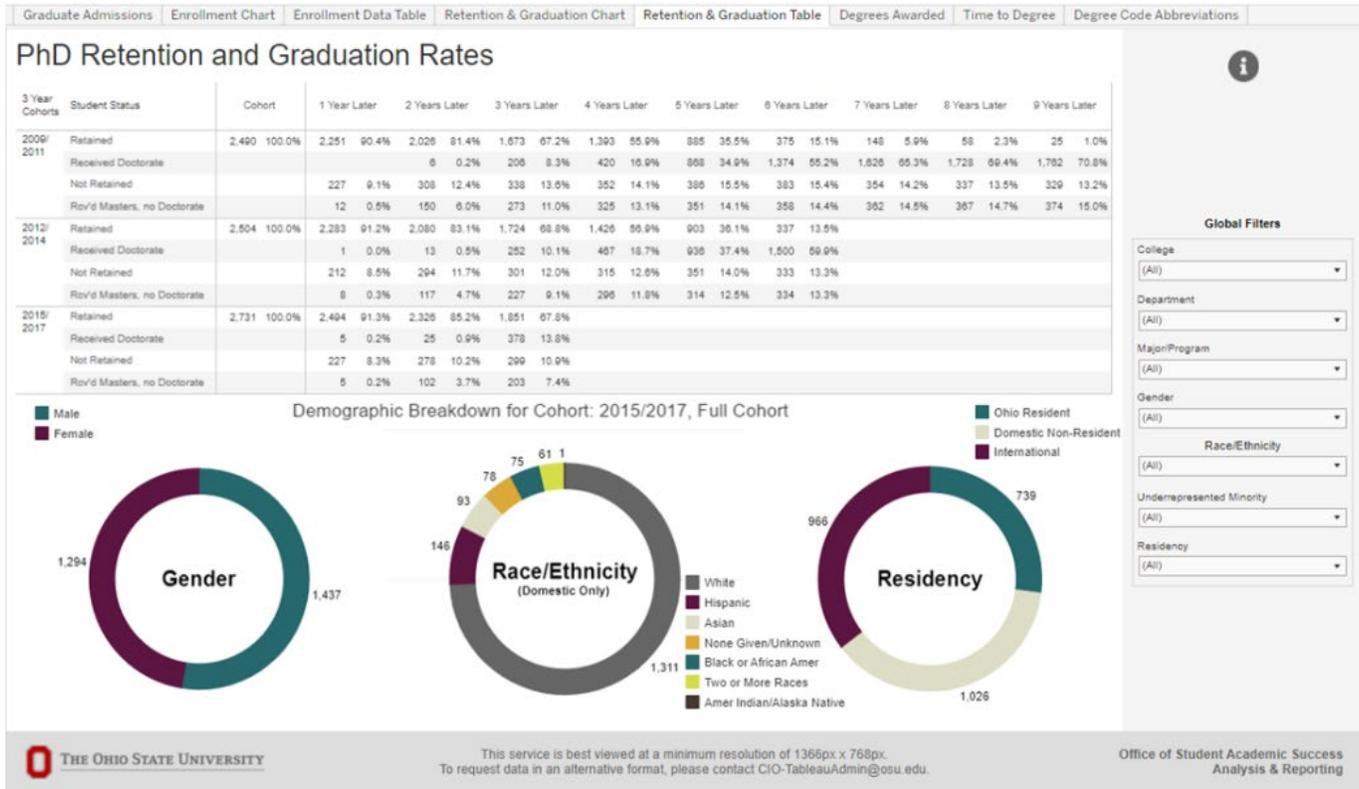
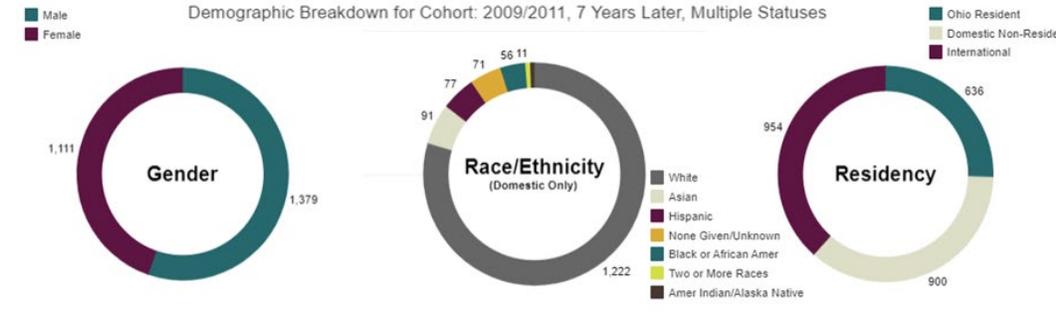


Figure 20 -The Ph.D. retention and graduation rates; retention and graduation table is shown in its default setting.

1. As with the previous dashboard, this dashboard shows Ph.D. Retention and Graduation Rates for students, by their three-year cohort. This information is shown on the left-hand side of the chart
2. Global Filters are available through a drop-down menu, to further filter the data to the right of the chart.
3. Table
 - a. The data table shows students by three-year cohort who have received their masters, received their doctorate, were retained, and who were not retained, by *years later*.
 - b. If data is “clicked” on, the entire column will be highlighted, and the donut charts beneath it will show the demographic breakdown of the selected data in the chart.
 - i. An example is provided below. Demonstrating 7 years later, for the 2009-2011 Cohort
 - c. On the **Time to Degree** Dashboard you can also see the average time to degrees. An example is provided below as well.

PhD Retention and Graduation Rates

3 Year Cohorts	Student Status	Cohort	1 Year Later	2 Years Later	3 Years Later	4 Years Later	5 Years Later	6 Years Later	7 Years Later	8 Years Later	9 Years Later
2009/2011	Retained	2,400 100.0%	2,251 90.4%	2,026 81.4%	1,873 67.2%	1,393 55.9%	885 35.0%	375 15.1%	148 5.9%	58 2.3%	25 1.0%
	Received Doctorate			8 0.2%	208 8.3%	420 16.9%	808 34.9%	1,374 55.2%	1,828 65.3%	1,728 69.4%	1,792 70.9%
	Not Retained		227 9.1%	308 12.4%	338 13.6%	352 14.1%	308 15.5%	383 15.4%	354 14.2%	337 13.5%	329 13.2%
	Rev'd Masters, no Doctorate		12 0.5%	150 6.0%	273 11.0%	325 13.1%	351 14.1%	358 14.4%	362 14.5%	367 14.7%	374 15.0%
2012/2014	Retained	2,504 100.0%	2,263 91.2%	2,080 83.1%	1,724 68.9%	1,426 56.9%	903 36.1%	337 13.5%			
	Received Doctorate		1 0.0%	13 0.5%	252 10.1%	407 16.7%	936 37.4%	1,500 59.9%			
	Not Retained		212 8.5%	294 11.7%	301 12.0%	315 12.6%	351 14.0%	333 13.3%			
	Rev'd Masters, no Doctorate		8 0.3%	117 4.7%	227 9.1%	290 11.6%	314 12.5%	334 13.3%			
2015/2017	Retained	2,731 100.0%	2,494 91.2%	2,326 85.2%	1,851 67.8%						
	Received Doctorate		5 0.2%	25 0.9%	376 13.8%						
	Not Retained		227 8.3%	278 10.2%	299 10.9%						
	Rev'd Masters, no Doctorate		5 0.2%	102 3.7%	203 7.4%						



Global Filters

College: (All)

Department: (All)

Major/Program: (All)

Gender: (All)

Race/Ethnicity: (All)

Underrepresented Minority: (All)

Residency: (All)

Figure 21 – Ph.D. Retention and Graduation Rates are shown. The 2009-2011 Cohort, 7 years later Data is highlighted in blue. The Demographic Breakdown has adjusted to show the information for just the selected timeframe.

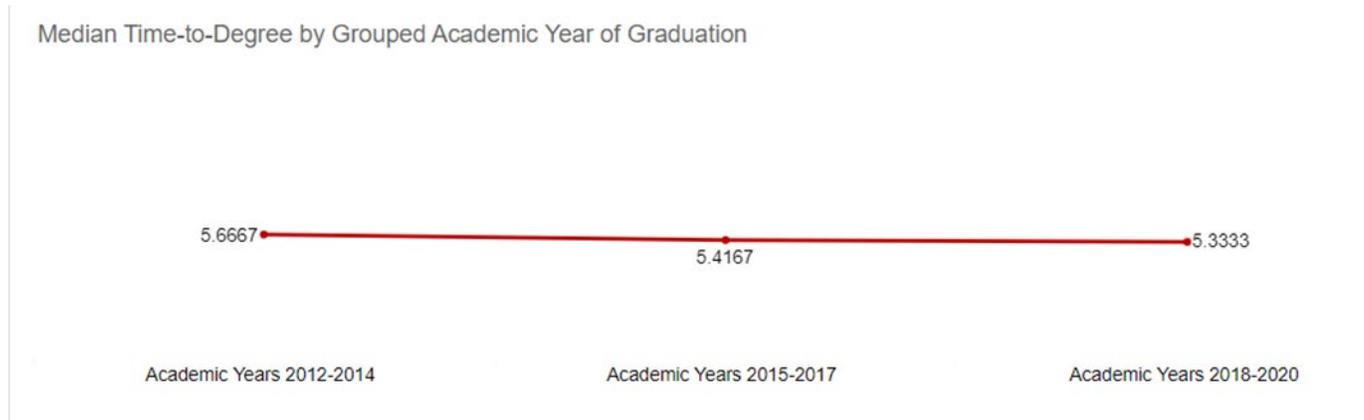


Figure 22 - Median time to degree graph, showing longitudinal time to degree for the three different academic year cohorts: Academic Years 2012-2014, 2015-2017 and 2018-2020.

Degrees Awarded Dashboard

1. Dashboard shows stacked line graph of graduate degrees (doctoral and/or masters) by academic year. Ensure the correct degree level is selected. **Note: Default setting on this dashboard is both doctoral and masters Degrees.**



Figure 23 - Showing degree level selection options of all, doctoral, and masters. All is selected

2. "Hovering" over any section of the stacked bar chart will display additional data information. Below is an example of hovering over the *international student section* for the 2016-2017 academic year.

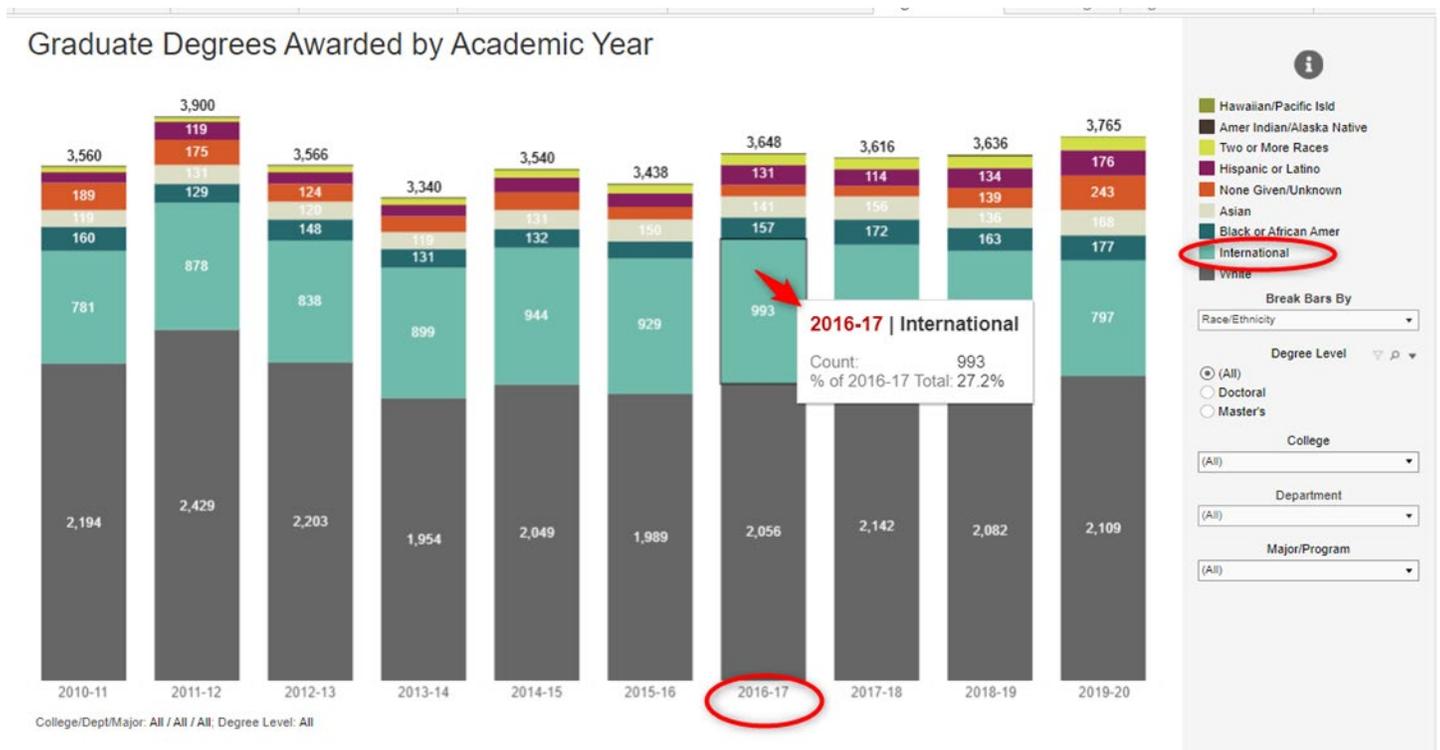


Figure 24 - Graduate Degrees Award tab showing additional data when hovering over an area of the bar chart.

Time to Degree Dashboard

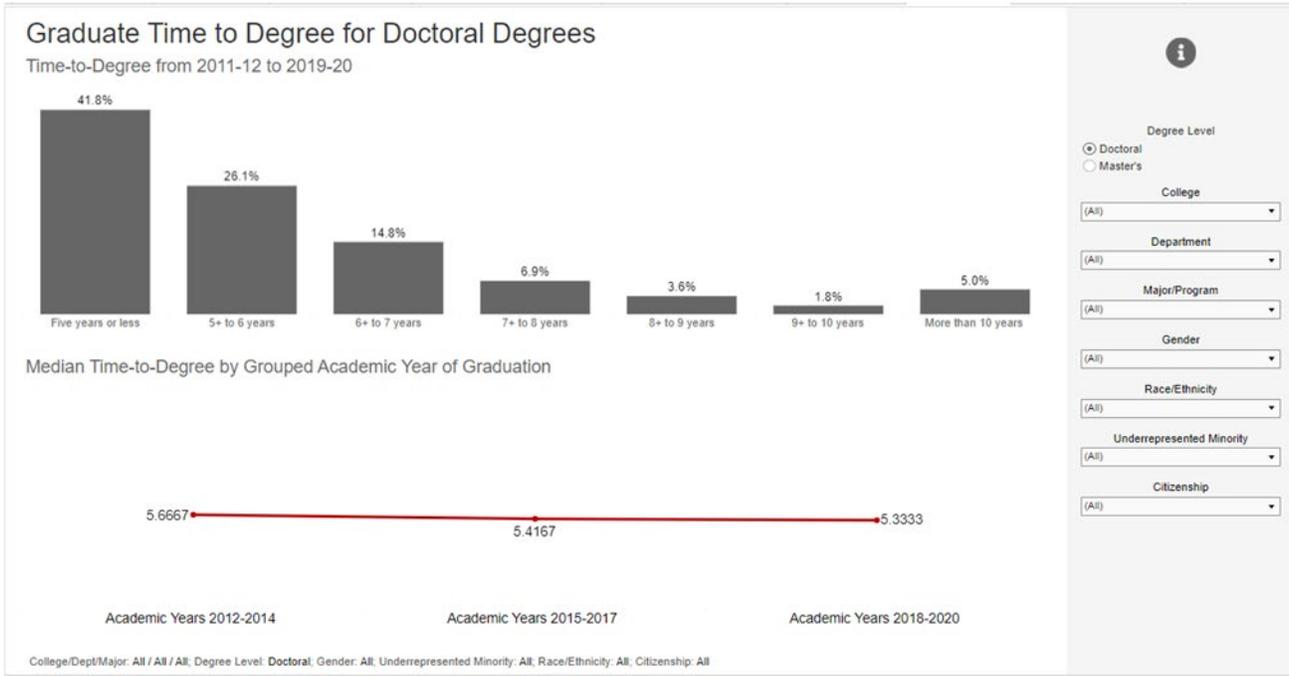
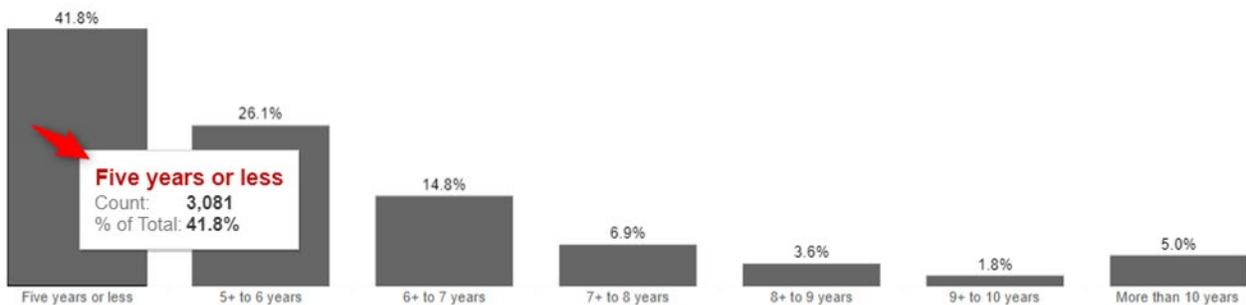


Figure 25 - Graduate Time to Degree grouped by academic year.

1. This dashboard shows the median Time-to-Degree, grouped by academic year of graduation.
2. Use the filters on the right-hand side as needed.
3. "Hovering" over any of the bars on the chart will display the number of students, as well as the overall percentage.
4. The Line at the bottom illustrates the median time to degree by academic year.

Graduate Time to Degree for Doctoral Degrees

Time-to-Degree from 2011-12 to 2019-20



Median Time-to-Degree by Grouped Academic Year of Graduation

Figure 26 - Graduate Time to Degree tab showing additional information when user hovers over bar chart.

Degree Code Abbreviations

Graduate Admissions		Enrollment Chart		Enrollment Data Table		Retention & Graduation Chart		Retention & Graduation Table		Degrees Awarded		Time to Degree		Degree Code Abbreviations	
Degree Code Abbreviations															
ES	Specialist in Education	MPL	Master Publ Admin & Leadership	AUD	Doctor of Audiology										
LJM	Master of Laws	MPI	Master of Physical Therapy	DA	Doctor of Audiology										
MA	Master of Arts	MPP	Master City & Regional Planning	DDS	Doctor of Dental Surgery										
MAAC	Master of Accounting	MRT	Master of Respiratory Therapy	DMS	Doctor of Musical Arts										
MAEDU	Master of Arts in Education	MS	Master of Science	DNP	Doctor of Nursing Practice										
MAHR	Master of Architecture	MSA	Master Architectural Studies	DPT	Doctor of Physical Therapy										
MACRM	MAA Architectural & Quant Risk Mgt	MSPACST	Master Architectural Studies	DVM	Doctor Veterinary Medicine										
MAAS	Master in Animal Sciences	MSC	Master of Sports Coaching	DVM/PROF	D Vet Med (Professional)										
MAASLAW	Master of Applied Statistics	MSPUBADM	M S Public Administration	ED	Doctor of Education										
MASPHARM	Master of Pharmacy	MSTACCTO	Master of Accounting	ELP	Doctor of Pharmacy										
MB	Master Business Administration	MSTARCH	Master of Architecture	JD	Juris Doctor										
MBAD	Specialized Master in Business	MSTASHST	Master of Applied Statistics	MD	Doctor of Medicine										
MBBA	Master Business Administration	MSTRBENG	Master Business Logistics Engr	NTP	Doctor of Pharmacy										
MBL	Master Business Logistics Engr	MSTCITYP	Master of City Planning	OD	Doctor of Optometry										
MBOE	Master of Bus Oper Excellence	MSTEDU	Master of Education	OTD	Occupational Therapy Doctorate										
MDHY	Master of Dental Hygiene	MSTHLADM	Master Health Administration	PH	Doctor of Philosophy										
MDN	Master Diabetes & Nutrition	MSTHUM	Master of Humanities	PHARMD	Doctor of Pharmacy										
ME	Master of Education	MSTLARCH	M Landscape Architecture	PHD	PHD										
MEM	MAE of Engineering Management	MSTLHR	M Labor & Human Resources	PHMA	Doctor of Musical Arts										
MEN	Master of Environ & Nat Res	MSTLIBST	Master of Liberal Studies	CFP	Cert Financ & Postcolonial Sts										
MF	Master of Fine Arts	MSTMUSIC	Master of Music	CR	Cert in Analytics										
MFA	Master of Fine Arts	MSTOCCTH	Master of Occupational Therapy												
MFACE	Master Fine Arts in Dance	MSTPADMIN	Master Public Administration												
MDEL	MAE Global Engng Leadership	MSTPHYTH	Master of Physical Therapy												
MHA	Master Health Administration	MSTRECFP	Master City & Regional Planning												
MHI	Master Health Care Innovation	MSTSLAW	Master in the Study of Law												
MHRM	Master of Human Resource Mgt	MSTSWK	Master of Social Work												
IS	Master in the Study of Law	MSTA	Master of Translational State Anly												
IL	Master of Liberal Studies	MW	Master of Social Work												
MLA	M Landscape Architecture														
MLHR	M Labor & Human Resources	AWDDEG	AWDDEG												
MLT	Master Learning Technologies	CAP	Course of Study, Non-Degree												
MM	Master of Music	END	Course of Study, Non-Degree												
MMAS	Master Mathematical Sciences	EXPL	Undeclared, Non-Degree												
MO	M Appl Clinical/Practiced Health	G	Course of Study, Non-Degree												
	Master of Applied Economics	GS	Major2, Non-Degree												
	Master of Applied Neuroscience	IS	Interdisciplinary Specialization												
	Master of Clinical Research	LJ	Major2, Non-Degree												
	Master of Occupational Therapy	LIC	Course of Study, Non-Degree												
MP	Master of Public Health	ND	Course of Study, Non-Degree	CT	Cert Spg Medical Renewal Sta										
MPA	Master Public Administration	PD	Course of Study, Non-Degree	CTCED	Cert Civic Edu & Democrati										
MPH	Master Plant Health Management			CTSM	Cert in Dispute Resolution										

Figure 27 - Showing degree code abbreviations dashboard page in its entirety.

1. This dashboard is a table listing all graduate programs represented in the data, and their abbreviations. It is for reference.