

The logo for 'Cal Answers' is displayed in a yellow, sans-serif font against a dark blue background. The background features a faint, stylized image of a classical building facade with columns and arches. A white horizontal line with a small white dot at its right end passes through the text.

Cal Answers

***Cal Answers
Dashboard Reports***

Student All Access - Degrees

Office of Planning & Analysis
Associate Vice Chancellor – Chief Financial Officer
University of California, Berkeley

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- Send an e-mail to calanswers-help@berkeley.edu

Or

- Call the Help Desk at 642-8500, Monday – Friday, 8:00am – 5:00pm

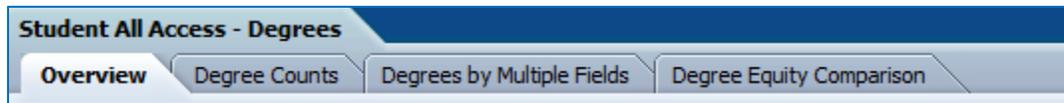
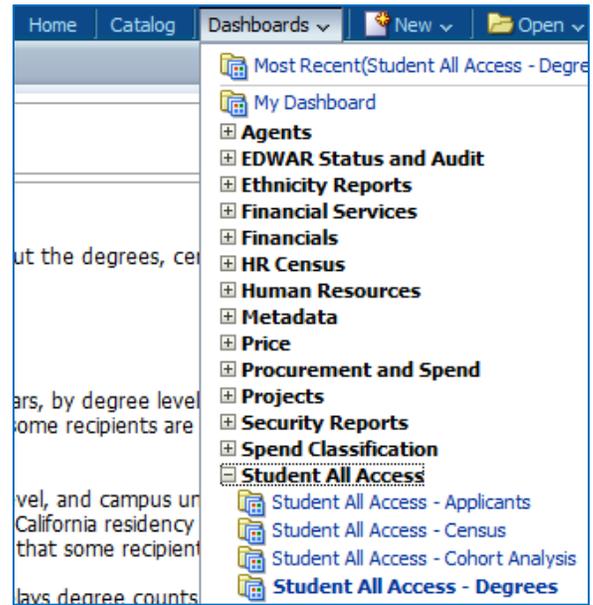
Overview

Accessing Dashboard Reports

The Cal Answers reporting environment, using Oracle Business Intelligence Enterprise Edition (OBIEE) software, provides two different interfaces to the UC Berkeley Enterprise Data Warehouse (EDW). One of these interfaces, called “Analysis,” is an ad hoc query tool. The other interface, which is discussed in this document, is called “Dashboards,” and provides interactive reports to campus users.

This document specifically covers the **Student All Access – Degrees** dashboard pages dealing with degrees, certificates, and notifications of candidacy. These standard degree reports are available to all Cal Answers users. You can access these reports from the “Dashboards” dropdown list that appears at the top right of any OBIEE screen, as shown in the screenshot to the right. Simply drop down the list, and expand the node named “Student All Access” to see the dashboards available within that grouping. In this case, you’ll choose the blue “Student All Access - Degrees” link.

When you click the “Student All Access - Degrees” link, you will then see all of the available reports, each on a separate tab, that currently exist within this dashboard. For example:



You then simply click on a tab in order to see a given dashboard page and the report that it contains. The first tab, “Overview,” contains brief descriptions of each report.

Understanding Degree Data

The university awards degrees, certificates, and notifications of candidacy to students upon completion of their program requirements. In some cases, the university can later rescind these for various reasons. All of the degree reports in the “Student All Access – Degrees” dashboard show only unrescinded degrees; those that have been rescinded are excluded.

Like census data, we sometimes report degree data as either headcounts or as prorated counts (see below for an explanation of these). With degrees, however, there’s also a distinction between degree recipients and degrees awarded. This becomes important because some students can receive more than one degree in the same semester, usually because they are double majoring in programs offered by two different colleges. For example, a double major in Business and Civil Engineering would count as one degree recipient (because it’s one person), but two degrees awarded (because both the School of Business and the College of Engineering awarded the person degrees). In these degree reports, we report headcount degree recipients, but prorated degrees awarded.

The remainder of this document covers each of the degree count dashboard reports in more detail.

Degree Counts Dashboard Page

The “Degree Counts” dashboard tab defaults to showing a simple table of the campus total degree recipient headcount, by degree level, for the most recent five academic years:

Degree Counts
By Academic Year, Degree Level, and Unit

Academic Year
2010-11;2009-10

Degree Counts

Select Data View:

		Degree Recipient Headcounts				
		2006-07	2007-08	2008-09	2009-10	2010-11
Degree Level▲▼	Campus Unit					
Bachelor	All	6,446	6,765	7,072	6,893	7,271
Masters/Professional	All	2,305	2,347	2,338	2,367	2,427
Doctoral	All	895	865	864	877	904
Grand Total		9,633	9,963	10,266	10,121	10,587

Please note that when viewing headcount data, the grand total line counts unduplicated degree recipients and so may not equal the sum of the row values.

[Export](#)

Understanding the Data

This report can display degrees (not certificates or candidacies) awarded for all students as either headcount degree recipients or degrees awarded prorated counts. These two types of counts allow you to see double and triple majors in different ways.

For example, the major programs in Physics and History are both in the College of Letters & Science, but they are in different departments, and each of those departments is in a different division.

Using headcounts, then, a student who was double majoring in Physics and History would count as 1 in each of those major programs, as 1 in each department, and as 1 in both the Social Sciences Division and the Math & Physical Sciences Division. Headcounts do not duplicate students within shared organizational levels, however, so this student would only count as 1 in the College of Letters & Science.

With prorated counts, on the other hand, this student would count as 0.5 in each major program, department, and division. These prorated values would then roll up to 1 at the college level.

When viewing headcount data in this table, note that the grand total line may not equal the sum of the row values, because it counts unduplicated students at the next higher organizational level.

Using the Report

Degree Counts
By Academic Year, Degree Level, and Unit

Academic Year ← Filters
2010-11;2009-10 Apply Reset

Degree Counts Sorting & Drag/Drop Select Data View: Headcount Table ← Data Views

		Degree Recipient Headcounts				
		2006-07	2007-08	2008-09	2009-10	2010-11
Degree Level▲▼	Campus Unit					
Bachelor	All	6,446	6,765	7,072	6,893	7,271
Masters/Professional	All	2,305	2,347	2,338	2,367	2,427
Doctoral	All	895	865	864	877	904
Grand Total		9,633	9,963	10,266	10,121	10,587

Please note that when viewing headcount data, the grand total line counts unduplicated degree recipients and so may not equal the sum of the row values.

Drill into Academic Hierarchy Export ← Export Link

By default, this report will show headcount degree recipients by degree level for the entire campus, for the most recent five academic years. Note that summer degree data is available well before fall and spring, so the most recent year may sometimes show summer data only. Cal Answers dashboard reports have several interactive features that let you customize the data that you see.

Filters

At the top of each dashboard page, just below the title, you'll see one or more filters that you can apply to the data. In this case, you can choose multiple academic years, going back to 1983-84. In order to select a different set of years than the default, simply click on the down-arrow button, and then choose the values you want from the list. (If you need more flexibility, choose the "Search..." option that appears at the bottom of the list.) Once you've made your selections, click "Apply" to set your new filter values.

Data Views

The "Select Data View" dropdown lets you choose how you want to see the data. In this case, you have four options:

- Headcount Table – This shows a table of values compiled as headcount degree recipients (as described above, double and triple majors count as 1 in each of the campus units involved).
- Headcount Chart – This shows the headcount values as a line chart, rather than in a table.
- Prorated Table – This shows a table of values compiled as prorated counts (as described above, double and triple majors count as 0.5 or 0.333 in each of the campus units involved).
- Prorated Chart – This shows the prorated values as a line chart, rather than in a table.

Sorting and Drag/Drop

The small up and down arrowheads that appear in some cells allow you to sort table rows or columns by the values in those cells. When you move your mouse just above a column, you'll see a drag/drop bar  that you can then use to change the order of columns. For instance, you could move the "Campus Unit" column to the left of the "Degree Level" column.

Drill into Academic Hierarchy

The header and values in the “Campus Unit” table column are links that allow you to drill down into the campus academic hierarchy. Clicking the header value (“Campus Unit”) will display data by college or school for all rows in the table. Clicking a specific row value (“All”) will display college/school data only for that row. You can then continue drilling through divisions, departments, and down to individual major programs. As you drill into this hierarchy, you’ll see “Return” and “Back” links appear just below the data table. Clicking “Back” moves you one step back up the drilldown hierarchy. Clicking “Return” takes you all the way back to the top.

Export Link

Finally, just below the table is an “Export” link that lets you download data in a variety of formats.

Degrees by Multiple Fields Dashboard Page

The “Degrees by Multiple Fields” dashboard tab defaults to showing a table of the campus total undergraduate degree recipient headcounts, by gender, four-value ethnicity, and nine-value ethnicity, for the most recent five academic years:

Degree Counts
By Academic Year, Degree Level, Unit, and Any Three Additional Fields

Academic Year

College/School

Department

Degree Level

Division

Major

Degree Counts

Select Field 1:

Select Field 2:

Select Field 3:

Select Data View:

				Degree Recipient Headcounts				
				2007-08	2008-09	2009-10	2010-11	2011-12
Degree Level	Gender Desc	Ucb Level1 Ethnic Rollup Desc	Ucb Level2 Ethnic Rollup Desc					
Bachelor	Female	Asian/Pacific Islander	Asian	1,502	1,595	1,457	1,540	233
			Pacific Islander	15	10	11	13	3
		International	107	117	121	170	30	
		Underrepresented Minority	African American	116	134	146	165	34
			Chicano/Latino	409	430	441	472	83
		Native American/Alaskan Native	18	28	17	21	2	
		White/Other	292	249	226	271	53	
	Male	Asian/Pacific Islander	Other	76	68	60	26	2
			White	1,148	1,233	1,160	1,187	116
		Asian/Pacific Islander	Asian	1,200	1,305	1,308	1,359	132
			Pacific Islander	5	9	10	4	3
		International	117	126	158	202	45	
		Underrepresented Minority	African American	70	80	89	102	17
			Chicano/Latino	312	313	329	379	64
Native American/Alaskan Native	20	15	13	12	2			
White/Other	Decline to State	253	217	204	240	29		
	Other	42	48	44	17	1		
	White	1,063	1,093	1,099	1,091	112		
Unknown	White/Other	Decline to State		2				
Bachelor Total				6,765	7,072	6,893	7,271	961

The filters used to display these values are:

Academic Yr is equal to **2011-12, 2010-11, 2009-10, 2008-09, 2007-08**
 and Degree Level Desc is equal to **Bachelor**

[Export](#)

Understanding the Data

As noted above in the “Understanding Degree Data” section of this document, this report can display degree/certificate/candidacy values as either headcount degree recipients or as degrees awarded prorated counts. See that section for an explanation of these two different ways of counting degrees.

As the report title indicates, this dashboard page lets you choose three fields from a selection of six, for grouping the data that appears in the table. (See the [“Using the Report”](#) section below for instructions on how to do this.) The six fields, which OBIEE identifies by rather unfriendly database column names, that are available include:

- **Ucb Level1 Ethnic Rollup Desc** – This is a four-value, high-level ethnicity description. Note that the university does not report the ethnicities of non-US citizens/immigrants, so international students are reported separately, as one of the four categories.
- **Ucb Level2 Ethnic Rollup Desc** – This is a nine-value, mid-level ethnicity description. As above, international students are reported separately.
- **Short Ethnic Desc** – This is a 16-value, detailed ethnicity description. As above, international students are reported separately.
- **Gender Desc** – This description indicates a student’s gender.
- **Entry Status Desc** – For undergraduates, this field describes how a student entered the university; the two most common ways are as “New Freshmen” or “Advanced Standing” (transfer). For graduate students, it may indicate the level of program, although it’s often blank.
- **Residency Status Desc** – This field indicates whether students are California residents or nonresidents. Note that these are demographic determinations and may not correspond to the fees that students pay.

Using the Report

Degree Counts
By Academic Year, Degree Level, Unit, and Any Three Additional Fields

Academic Year
2011-12;2010-11

College/School
[Dropdown]

Department
[Dropdown]

Filters

Degree Level
Bachelor

Division
[Dropdown]

Major
[Dropdown]

Degree Counts

Select Field 1:
Gender Desc

Select Field 2:
Ucb Level1 Ethnic Rollup Desc

Select Field 3:
Ucb Level2 Ethnic Rollup Desc

Field Selections

Select Data View: Headcount Table by Academic Year

Data Views

				Degree Recipient Headcounts				
				2007-08	2008-09	2009-10	2010-11	2011-12
Degree Level	Gender Desc	Ucb Level1 Ethnic Rollup Desc	Ucb Level2 Ethnic Rollup Desc					
Bachelor	Female	Asian/Pacific Islander	Asian	1,502	1,595	1,457	1,540	233
			Pacific Islander	15	10	11	13	3
			International	107	117	121	170	30
			Underrepresented Minority	116	134	146	165	34
			Chicano/Latino	409	430	441	472	83
			Native American/Alaskan Native	18	28	17	21	2
			White/Other	292	249	226	271	53
		Other	76	68	60	26	2	
		White	1,148	1,233	1,160	1,187	116	
	Male	Asian/Pacific Islander	Asian	1,200	1,305	1,308	1,359	132
			Pacific Islander	5	9	10	4	3
			International	117	126	158	202	45
			Underrepresented Minority	70	80	89	102	17
			Chicano/Latino	312	313	329	379	64
		Native American/Alaskan Native	20	15	13	12	2	
		White/Other	253	217	204	240	29	
	Other	42	48	44	17	1		
	White	1,063	1,093	1,099	1,091	112		
	Unknown	White/Other	Decline to State		2			
Bachelor Total				6,765	7,072	6,893	7,271	961

The filters used to display these values are:

Academic Yr is equal to **2011-12, 2010-11, 2009-10, 2008-09, 2007-08**
 and Degree Level Desc is equal to **Bachelor**

Export Link

By default, this report will show campus total undergraduate headcount degree recipients by gender, four-value ethnicity, and nine-value ethnicity, for the most recent five academic years. Note that summer degree data is available well before fall and spring, so the most recent year may sometimes show summer data only. Cal Answers dashboard reports have several interactive features that let you customize the data that you see, as discussed below.

Filters

At the top of each dashboard page, just below the title, you'll see one or more filters that you can apply to the data. In this case, you can choose:

- Multiple academic years, going back to 1983-84;
- Degree level (Bachelor, Candidate, Certificate, Doctoral, Masters, or Professional);
- Specific colleges/schools, divisions, departments, or major programs.

After making selections, remember to click the “Apply” button to apply your new filter values. The “Reset” button will reset the filters to their default values. Note that text immediately below the table indicates what filter values the report is currently applying to the data that you see.

Field Selections

The dropdowns labeled “Select Field 1,” “Select Field 2,” and “Select Field 3” let categories you’d like to see data grouped by. To change one or more, simply table will automatically update. See the “

Data Views

The “Select Data View” dropdown lets you choose how you want to see the data. In this case, you have four options:

- Headcount Table by Academic Year – This shows a table of values compiled as headcount degree recipients (as described above, double and triple majors count as 1 in each of the campus units involved), as academic year totals.
- Headcount Table by Semester – This shows a table of values compiled as headcount degree recipients (as described above, double and triple majors count as 1 in each of the campus units involved), by each semester within an academic year.
- Prorated Table by Academic Year – This shows a table of values compiled as prorated counts (as described above, double and triple majors count as 0.5 or 0.333 in each of the campus units involved), as academic year totals.
- Prorated Table by Semester – This shows a table of values compiled as prorated counts (as described above, double and triple majors count as 0.5 or 0.333 in each of the campus units involved), by each semester within an academic year.

Sorting and Drag/Drop

The small up and down arrowheads that appear in some cells allow you to sort table rows or columns by the values in those cells. When you move your mouse just above a column, you’ll see a drag/drop bar  that you can then use to change the order of columns. For instance, you could move the “Gender Desc” column to the left of the “Degree Level” column.

Drill into Ethnicity Hierarchy

If your table is displaying either the four-value or nine-value ethnicity fields, the values in that table column will be links that allow you to drill down into the ethnicity hierarchy. Clicking the column header value will display detailed data for all rows in the table. Clicking a specific row value will display detailed data only for that row. As you drill into this hierarchy, you’ll see “Return” and “Back” links appear just below the data table. Clicking “Back” moves you one step back up the drilldown hierarchy. Clicking “Return” takes you all the way back to the top.

Export Link

Finally, just below the table is an “Export” link that lets you download data in a variety of formats.

Degree Equity Comparison Dashboard Page

The “Degree Equity Comparison” dashboard tab defaults to showing two tables with the campus total undergraduate degree recipient headcounts, by gender and four-value ethnicity, for the most recent five academic years. You can change the filters in order to see data for a specific campus unit in the left-hand table; the right-hand table will continue to show the campus total for comparison purposes:

Degree Equity Comparison
By Academic Year, Degree Level, Unit, Gender, and Ethnicity

Academic Year
College/School
Department

Degree Level
Division
Major

Degree Counts by Gender & Ethnicity

Select Data View:

			Degree Recipient Headcounts				
			2007-08	2008-09	2009-10	2010-11	2011-12
Bachelor	Female	Asian/Pacific Islander	1,517	1,605	1,468	1,553	236
		International	107	117	121	170	30
		Underrepresented Minority	543	592	604	658	119
		White/Other	1,516	1,550	1,446	1,484	171
		Female Total	3,683	3,864	3,639	3,865	556
	Male	Asian/Pacific Islander	1,205	1,314	1,318	1,363	135
		International	117	126	158	202	45
		Underrepresented Minority	402	408	431	493	83
		White/Other	1,358	1,358	1,347	1,348	142
		Male Total	3,082	3,206	3,254	3,406	405
Unknown	White/Other		2				
Unknown Total		2					
Grand Total		6,765	7,072	6,893	7,271	961	

Campus Total for Comparison

Select Data View:

			Degree Recipient Headcounts				
			2007-08	2008-09	2009-10	2010-11	2011-12
Bachelor	Female	Asian/Pacific Islander	1,517	1,605	1,468	1,553	236
		International	107	117	121	170	30
		Underrepresented Minority	543	592	604	658	119
		White/Other	1,516	1,550	1,446	1,484	171
		Female Total	3,683	3,864	3,639	3,865	556
	Male	Asian/Pacific Islander	1,205	1,314	1,318	1,363	135
		International	117	126	158	202	45
		Underrepresented Minority	402	408	431	493	83
		White/Other	1,358	1,358	1,347	1,348	142
		Male Total	3,082	3,206	3,254	3,406	405
Unknown	White/Other		2				
Unknown Total		2					
Grand Total		6,765	7,072	6,893	7,271	961	

The filters used to display these values are:

Academic Yr is equal to **2011-12, 2010-11, 2009-10, 2008-09, 2007-08**
 and Degree Level Desc is equal to **Bachelor**

[Export](#)

Understanding the Data

As noted above in the “Understanding Degree Data” section of this document, this report can display degree/certificate/candidacy values as either headcount degree recipients or as degrees awarded prorated counts. See that section for a complete explanation of these two different ways of counting degrees.

In addition, these tables can also show percentages, rather than values. OBIEE requires that you change the data view for each table separately.

Using the Report

Degree Equity Comparison
By Academic Year, Degree Level, Unit, Gender, and Ethnicity

Academic Year: 2011-12; 2010-11 | College/School: | Department: | Filters

Degree Level: Bachelor | Division: | Major: | Apply | Reset

Sorting & Drag/Drop

Campus Total for Comparison

Select Data View: Headcount Table | **Data Views** | Select Data View: Headcount Table

			Degree Recipient Headcounts								Degree Recipient Headcounts				
			2007-08	2008-09	2009-10	2010-11	2011-12				2007-08	2008-09	2009-10	2010-11	2011-12
Bachelor	Female	Asian/Pacific Islander	1,517	1,605	1,468	1,553	236	Bachelor	Female	Asian/Pacific Islander	1,517	1,605	1,468	1,553	236
		International	107	117	121	170	30			International	107	117	121	170	30
		Underrepresented Minority	543	592	604	658	119			Underrepresented Minority	543	592	604	658	119
		White/Other	1,516	1,550	1,446	1,484	171			White/Other	1,516	1,550	1,446	1,484	171
		Female Total	3,683	3,864	3,639	3,865	556			Female Total	3,683	3,864	3,639	3,865	556
	Male	Asian/Pacific Islander	1,205	1,314	1,318	1,363	135	Bachelor	Male	Asian/Pacific Islander	1,205	1,314	1,318	1,363	135
		International	117	125	158	202	45			International	117	125	158	202	45
		Underrepresented Minority	402	408	431	493	83			Underrepresented Minority	402	408	431	493	83
		White/Other	1,358	1,358	1,347	1,348	142			White/Other	1,358	1,358	1,347	1,348	142
		Male Total	3,082	3,206	3,254	3,406	405			Male Total	3,082	3,206	3,254	3,406	405
Unknown	White/Other	2	2				Unknown	White/Other	2	2					
Unknown Total	2	2				Unknown Total	2	2							
Grand Total		6,765	7,072	6,893	7,271	961	Grand Total		6,765	7,072	6,893	7,271	961		

The filters used to display these values are:
Academic Yr is equal to 2011-12, 2010-11, 2009-10, 2008-09, 2007-08
and Degree Level Desc is equal to Bachelor

[Export](#) | **Export Links**

By default, this report will show undergraduate degree recipient headcounts by gender and ethnicity for the entire campus (in both tables), for the most recent five academic years. Cal Answers dashboard reports have several interactive features, however, that let you customize the data that you see.

Filters

At the top of each dashboard page, just below the title, you'll see one or more filters that you can apply to the data. In this case, you can choose:

- Multiple academic years, going back to 1983-84;
- Degree level (Bachelor, Candidate, Certificate, Doctoral, Masters, or Professional);
- Specific colleges/schools, divisions, departments, or major programs.

After making selections, remember to click the “Apply” button to apply your new filter values. The “Reset” button will reset the filters to their default values. Note that text immediately below the left-hand table indicates what filter values the report is currently applying to the data in that table (the right-hand table always shows the campus totals for comparison purposes).

Data Views

The “Select Data View” dropdowns let you choose how you want to see the data in each table. In this case, you currently have two options for each table:

- Headcount Table – This shows a table of values compiled as headcount degree recipients (as described above, double and triple majors count as 1 in each of the campus units involved).
- Headcount % Table – This shows the headcount values as percentages, rather than values.
- Prorated Table – This shows a table of values compiled as prorated degrees awarded counts (as described above, double and triple majors count as 0.5 or 0.333 in each of the campus units involved).
- Prorated % Table – This shows the prorated counts as percentages, rather than values.

Sorting and Drag/Drop

The small up and down arrowheads that appear in some cells allow you to sort table rows or columns by the values in those cells. When you move your mouse just above a column, you'll see a drag/drop bar  that you can then use to change the order of columns. For instance, you could move the "Gender" column to the left of the "Degree Level" column.

Drill into Ethnicity Hierarchy

The values in the "Ethnicity" table column are links that allow you to drill down into the ethnicity hierarchy. Clicking any of the four-value ethnicities will display data by nine-value ethnicity. You can then continue drilling down to detailed ethnic categories. As you drill into this hierarchy, you'll see "Return" and "Back" links appear just below the data table. Clicking "Back" moves you one step back up the drilldown hierarchy. Clicking "Return" takes you all the way back to the top.

Export Links

Finally, just below each table is an "Export" link that lets you download data in a variety of formats.