Cal Answers Dashboard Reports

Student All Access - Applicants

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

April 2012

Table of Contents

To report any problems with the Cal Answers Portal, Reports, or Dashboards:

- 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 – Applicants** dashboard pages dealing with undergraduate applicant counts, a set of standard reports that 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 - Applicants" link.

When you click the "Student All Access - Applicants" link, you will then see all of the available reports, each on a separate tab, that currently exist within this dashboard. For example:
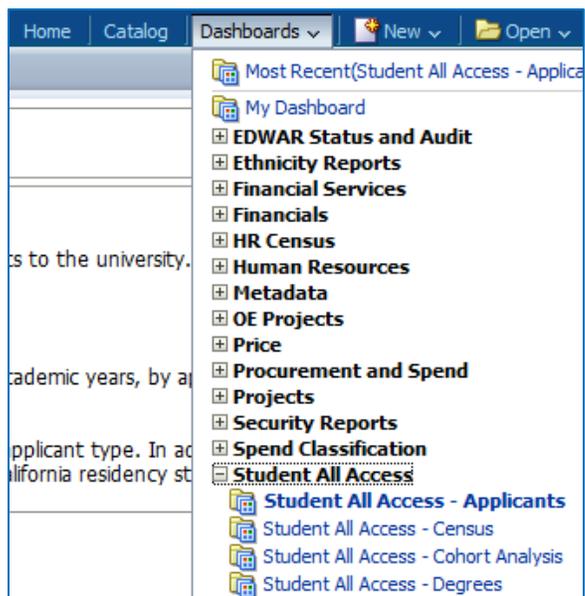
You then simply click on a tab in order to see a given dashboard page and the report that it contains. The first tab, "Overview," contains brief descriptions of each report.

Understanding Undergraduate Applicant Data

Prospective students wishing to apply to any of the nine undergraduate campuses of the University of California fill out a common online application. Each campus that the applicant selects evaluates the application. Applicants can apply to one, several, or all UC campuses if they choose. At Berkeley, each of these applicants is assigned a student ID, which remains the same if the student later enrolls. Almost all undergraduate applicants are either new freshmen directly from high school, or advanced standing transfer students, usually from California community colleges. At Berkeley, prospective freshmen apply to a specific college (e.g., the College of Engineering), where they may immediately declare a major or stay undeclared for some time, depending on the college's rules. Advanced standing students typically apply directly to a major program within a college or school.

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

UG Applicant Counts Dashboard Page

The "UG Applicant Counts" dashboard tab defaults to showing a simple table of the campus total undergraduate applicant counts, by applicant type, for the most recent five academic years:

Undergraduate Applicant Counts
By Academic Year, Applicant Type, and Admitted Flag

Academic Year
2010-11;2009-10 ▼   Apply   Reset

⊟

Undergraduate Applicant Counts

Select Data View: Table by Applicant Type   ▼

Applicant Type ▲▽	Applicant Headcount				
	2006-07	2007-08	2008-09	2009-10	2010-11
ADVANCED STANDING	10,644	11,041	12,371	13,293	15,120
FRESHMAN, HS GRAD	41,750	44,149	48,461	48,674	50,393
LIMITED	211	226	241	259	267
SECOND BACHELOR'S DEGREE	30	48	30	51	72
SPECIAL	1				
Grand Total	**52,636**	**55,464**	**61,103**	**62,277**	**65,852**

Export

Understanding the Data

This report displays undergraduate applicant headcounts by applicant type. As you can see, new freshmen directly from high school and advanced standing (transfer) students make up the great majority of applicants.

Limited and special status students, according to the UC Berkeley General Catalog, "are a special category of undergraduates who have earned an undergraduate degree with a record of superior scholarship (an overall grade point average of at least 3.3) but need additional undergraduate course work for a specific and clearly defined purpose."

Second bachelor's degree applicants are considered for admission only if they need an entirely new major program for a valid educational purpose and have already completed all lower division requirements for the proposed major with excellent grades.

These counts are by academic year, so they show total fall and spring applicants. Fall applicants comprise all but a small percentage of each year's total count.

Using the Report

By default, this report will show undergraduate applicant headcounts by applicant type for the entire campus, for the most recent five academic years. As always, 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 1989-90. 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 two options:
- Table by Applicant Type – This shows a table of values compiled as headcounts, by applicant type.
- Table by Applicant Type and Admitted Flag – This table shows headcount values by both applicant type and a flag indicating whether students were offered admission to Berkeley.

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 academic years to be rows in the table and "Applicant Type" to be columns.

Export Link

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

UG Apps by Multiple Fields Dashboard Page

The "UG Apps by Multiple Fields" dashboard tab defaults to showing a table of the new freshmen applicant counts, by gender and four-value ethnicity, for the most recent five academic years:

Undergraduate Applicant Counts
By Academic Year, Applicant Type, and Any Two Additional Fields

Academic Year **Applicant Type**
2010-11;2009-10 ▾   FRESHMAN, HS G ▾   Apply   Reset

⊟

Undergraduate Applicant Counts

Select Field 1: **Select Field 2:**
Gender Desc ▾   Ucb Level1 Ethnic Rollup Desc ▾

Applicant Type	Gender Desc	Ucb Level1 Ethnic Rollup Desc	Applicant Headcount				
			2006-07	2007-08	2008-09	2009-10	2010-11
FRESHMAN, HS GRAD	Female	Asian/Pacific Islander	8,305	8,401	8,889	8,855	8,059
		International	906	1,183	1,436	1,889	3,611
		Underrepresented Minority	4,659	4,964	5,774	5,964	6,055
		White/Other	8,102	8,474	9,127	8,764	7,966
	Male	Asian/Pacific Islander	7,414	7,678	7,880	7,930	7,485
		International	1,212	1,304	1,757	2,353	4,098
		Underrepresented Minority	3,319	3,724	4,365	4,385	4,528
		White/Other	7,683	8,255	9,035	8,350	8,125
	Unknown	Asian/Pacific Islander	3	4	4	5	10
		International	12	15	26	34	78
		Underrepresented Minority	2	1	2	7	15
		White/Other	133	146	166	138	363
Grand Total			**41,750**	**44,149**	**48,461**	**48,674**	**50,393**

Export

Understanding the Data

As the report title indicates, this dashboard page lets you choose two fields from a selection of seven, for grouping the data that appears in the table. (See the "Using the Report" section below for instructions on how to do this.) The seven 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. Students self-select their ethnicities at the time of application, and can later request changes, although that rarely happens.
- **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.
- **Admit Flg** – This flag indicates whether a student was admitted ("Y") or not ("N").
- **Adm Coll Short Nm** – As noted above in the "<u>Understanding Undergraduate Applicant Data</u>" section, new freshmen apply to a specific college, while advanced standing (transfer) students generally apply directly to a major program within a college. This field allows you to view counts by college of admission.
- **Residency Status Desc** – This field indicates whether students are California residents or nonresidents. Some California residents appear in a separate category ("CA Resident – Bona fide") because they have had special administrative processing to verify that they meet legal requirements for California residency. Note also that these are demographic determinations and may not correspond to the fees that students pay.

Using the Report

By default, this report will show new freshmen applicant counts, by gender and four-value ethnicity, 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 1989-90;
- One applicant type.

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.

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 [drag bar image] 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 "Applicant Type" column.

Field Selections

The two dropdowns labeled "Select Field 1" and "Select Field 2" let you choose which two categories you'd like to see data grouped by. To change one or both, simply select a new value, and the table will automatically update. See the "Understanding the Data" section above for descriptions of available fields.

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.