

# University of California, In Your District

## 2013-2014 Map Series

### DATA DOCUMENTATION

This document provides a technical description of the source data for the “UC In Your District” map application.

The map shows the physical locations of UC community programs and partnerships throughout the state. These maps provide real data that demonstrate the breadth and diversity of UC’s impact is throughout the state.

**The goal of these maps is to show UC’s impact beyond the borders of its campuses. Thus the programs located on UC campuses are not included.**

This application contains two tables: one contains summary data about UC Systemwide populations in specific districts; the other is a summary table featuring selected demographic information about the campus that is affiliated with that district. The data in the summary tables reflect official figures for the campus and can include some individuals living outside the State of California.

The totals for students, employees, alumni and retirees in the UC Systemwide tables for each District reflect where these populations reside, not the campuses they attend, work for, graduated or retired from. For example, the amount of Pell Grant funding in the data table for Congressional District 10 is the amount received by the families living in District 10 for their children attending one of the 9 UC undergraduate campuses.

All of the data sets on these maps should be considered underestimates because individuals must have an associated valid California address to be assigned to a district. Additionally, the district-assignment process inevitably reduces the size of the data set because some addresses cannot be successfully mapped. Consequently, the totals displayed on the maps may not match official figures.

### Alumni

**Source:** Campus Alumni Data Administrators

**Time:** Current as of Summer 2012.

**Description:** Home address of alumni if available, otherwise work or preferred address provided.

**Population:** Undergraduate and graduate alumni with California addresses who earned a degree. This is not an unduplicated count across campuses. For example an individual

receiving an undergraduate degree from UCB and a graduate degree from UCI is counted twice.

**Data Transformation for Mapping:**

Original Data Set Size: 1,721,830

Size After Address Clean Up and Geocoding: 1,174, 960 (32% of the data set was eliminate due to non-CA domestic addresses, international addresses, P.O. boxes and incomplete address information).

**Employees**

**Source:** Corporate Personnel System (CPS) at UCOP

**Time:** As of October, 2013

**Description:** All people on UC Payroll (all earnings, all fund sources, all appointment types) for the full 12 months.

**Population:** Anyone with UC earnings from the Campuses and Medical Centers. This data set includes students as well as people participating in research that were on UC payroll. LBL employees are excluded from this dataset.

**Data Transformation for Mapping:**

Original Data Set Size: 203,168

Size After Address Clean Up and Geocoding: 186,960 (8% of the data set was eliminated due to non-CA domestic addresses, international addresses, P.O. boxes and incomplete address information).

**Undergraduate Students**

**For UCB, UCD, UCI, UCLA, UCM, UCR, UCSB, UCSC, UCSD:**

**Source:** Registration File at UCOP

**Time:** Fall 2014 Enrollment Headcount for Undergraduates from the 9 undergraduate campuses.

**Description:** Home address for all enrolled undergraduate students.

**Population:** Freshman, sophomores, juniors, seniors (including transfers) with a California home address.

**Comments:** Graduate students were omitted from the data set because the quality of the address data is very poor and the focus of this project was to show home addresses or where the student's parents live. However the official headcount of graduate students is included in the affiliated campus summary tables.

**Data Transformation for Mapping:**

Original Data Set Size: 195,080

Size After Address Clean Up and Geocoding: 178,790 (8% of the data set was eliminated due to non-CA domestic addresses, international addresses, P.O. boxes and incomplete address information).

## State and Federal Grant Recipients

**Source:** CSS Student Financial Support dataset at UCOP, Fall 2013.

**Description:** All fall-enrolled UC undergraduate students receiving a Cal Grant, Pell Grant or Federal Loan anytime in the academic year.

### Data Transformation for Mapping:

#### Pell Grant Recipients

Original Data Set Size: 78,590

Size After Address Clean Up and Geocoding: 72,760 (7% of the data set was eliminated due to P.O. boxes and incomplete address information).

#### Federal Loan Recipients

Original Data Set Size: 78,280

Size After Address Clean Up and Geocoding: 71,820 (8% of the data set was eliminated due to P.O. boxes, incomplete address information, and non-CA addresses).

#### Cal Grant Recipients

Original Data Set Size: 63,750

Size After Address Clean Up and Geocoding: 60,610 (5% of the data set was eliminated due to P.O. boxes and incomplete address information).

## Retirees

**Source:** UCRS at UCOP

**Time:** Data as of December, 2013

**Description:** Home address for all active UCRP Benefits Recipients living in California.

**Population:** Unduplicated headcount of Benefit Recipients including retirees (86% of the data set), survivors (10%), QDROs (<1%) and disabled members (3%).

**Comments:** By retirement location. Those retiring from ASUCLA, Hastings and the labs are only included in the UC System totals on the maps.

### Data Transformation for Mapping:

Original Data Set Size: 64,120

Size After Address Clean Up and Geocoding: 47,030 (27% of the data set was eliminated due to non-CA domestic addresses, international addresses, P.O. boxes and incomplete address information)

## UC Technology Licensees

**Source:** Patent Tracking System in the Office of Technology Transfer at UCOP

**Time:** Data as of January 2014

**Description:** Businesses that use UC-based technology.

**Population:** Legal address for active UC technology/innovation license contracts.

**Comments:** This may not reflect where the business activity is occurring or where the technology is being applied.

**Data Transformation for Mapping:**

Original Data Set Size: 1,650

Size After Address Clean Up and Geocoding: 791 (26% of the data set was eliminated due to non-CA domestic addresses, international addresses, P.O. boxes and incomplete address information)

## UC Community Programs and Partnerships

**Source:** Campus Government Relations Offices, Education Partnerships and the Division of Agriculture and Natural Resources at UCOP.

**Time:** Data as of Fall 2014

**Description:** Programs serving California that UC is directly involved in (partnership, sponsorship, internship, etc.)

**Population:** Address for every program site located off-campus in the community.

**Comments:** A number of steps were taken to standardize these data such as creating common categories.

**Data Transformation for Mapping:**

Original Data Set Size: 18,026

Size After Address Clean Up and Geocoding: 17,829 (1% of the data set was eliminated due to P.O. boxes and/or incomplete address information).

*Note on community programs data:*

There are over 18,000 UC Community partnership and program sites listed in this data set. Data were submitted by all the campuses and by departments at the Office of the President, including Agriculture and Natural Resources and Education Partnerships. Given the lack of detail available for some of the programs, we were not able to review every program site and evaluate how accurately it was categorized. In cases where a large number of the programs in a category were not assigned correctly due to an unclear category title, or where an alternate category was used instead of those provided in the request, re-assignments were made as appropriate.

## Data Documentation for Campus and Systemwide Summary Tables:

The Systemwide and UC campus summary tables feature selected demographic information about the affiliated campus (the campus affiliation is designated for advocacy purposes). The data in the summary tables reflect official figures for the campus and can include individuals living outside the State of California.

### Alumni

**Source:** Campus Alumni Data Administrators

**Time:** Current as of Summer 2012.

**Description:** Total headcount of alumni on record regardless of having valid addresses.

### Employees

**Source:** Corporate Personnel System (CPS) at UCOP

**Time:** As of October, 2013

**Description:** All people on UC Payroll (all earnings, all fund sources, all appointment types) for the full 12 months.

### Undergraduate and Graduate Students

**Source:** Registration File at UCOP

**Time:** Fall 2014 Enrollment Headcount for Undergraduates and graduate from all campuses.

**Population:** Freshman, sophomores, juniors, seniors (including transfers), graduate students.

### State and Federal Grant Recipients

**Source:** CSS Student Financial Support dataset at UCOP, Fall 2013.

**Description:** All fall-enrolled UC undergraduate students receiving a Cal Grant, Pell Grant or Federal Loan anytime in the academic year.

### Retirees

**Source:** UCRS at UCOP

**Time:** Data as of December, 2013

**Description:** All active UCRP Benefits Recipients

**Population:** Unduplicated headcount of Benefit Recipients including retirees (86% of the data set), survivors (10%), QDROs (<1%) and disabled members (3%).

**Comments:** By retirement location. Those retiring from ASUCLA, Hastings and the labs are only included in the UC System total summery table.

## UC Technology Licensees

**Source:** Patent Tracking System in the Office of Technology Transfer at UCOP

**Time:** Data as of January 2014

**Description:** Businesses that use UC-based technology.