

## **Supplemental Data Regarding Asian American Data Disaggregation**

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### **Motivating Disaggregation: Disparities in Higher Education Outcomes Among AAPIs**

We present data compiled by the AAPI Data project, which illustrates disparate educational outcomes that Southeast Asians have relative to East and South Asians in the United States. Figure 1. shows that as of 2015, Southeast Asians hold advanced degrees at lower rates compared to East and South Asians. Figures 2 and 3 show that within the CSU and UC system respectively, for which disaggregated data exists, a larger fraction of Southeast Asian American students are first-generation college students, and at rates similar to those of Latinx and Black students. Within California, Southeast Asians also display a lower 6-year community college completion rate relative to East and South Asians (Fig. 4).

Data disaggregation is a powerful tool for bringing disparities faced by different Asian American subgroups to light. Put differently, grouping subgroup-specific data underneath the “Asian” umbrella obscures the fact that Southeast Asian Americans are less privileged in higher education compared to their East and South Asian counterparts. However, we also strongly emphasize that this data does not present a complete narrative of the struggles that different Asian American subgroups face in higher education. In particular, a much-needed detailed study at the nuances of Asian subgroup participation in the astro/physical sciences does not currently exist. Diversity initiatives that truly wish to broaden astro/physics participation for all disadvantaged groups require data which tells the full story of the problem.

### **Examples of Implementing Data Disaggregation Methods**

The University of Hawai’i at Mānoa (UH Mānoa) collects and reports disaggregated data for Asian Americans. As a starting point for drafting recommendations for the broader astrophysics community regarding the issue of data disaggregation, we would like to refer the SOP panel to [the Manoa Institutional Research Office \(MIRO\) procedures for collecting and reporting racial ethnic data](#) (last accessed March 6, 2020).

## Figures

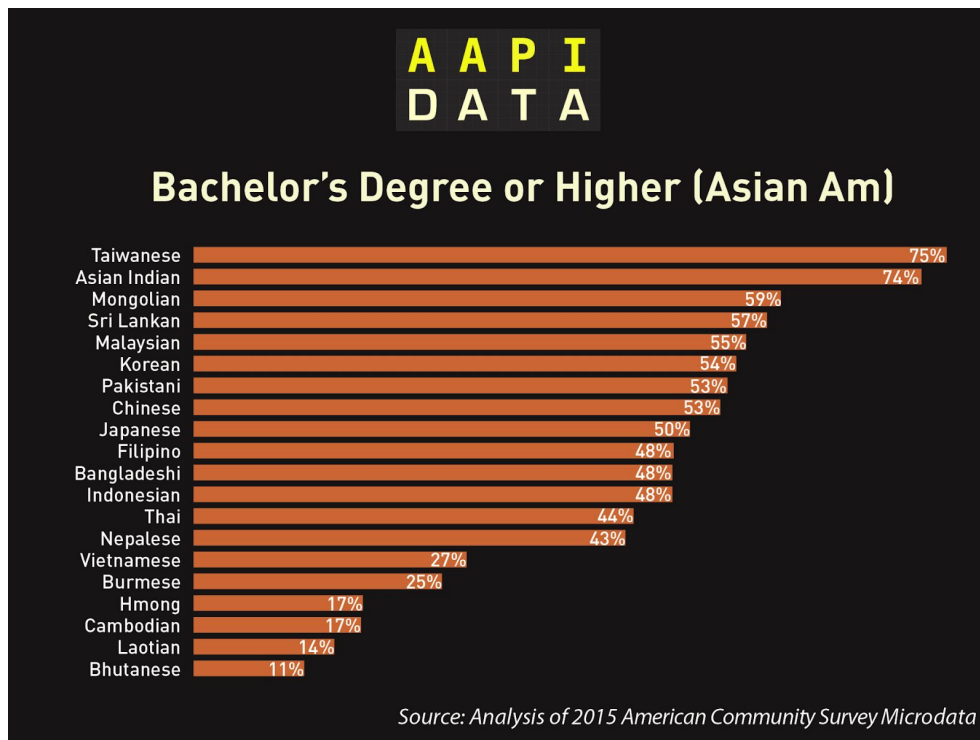


Figure 1. Holders of advanced degrees for various AAPI subgroups.

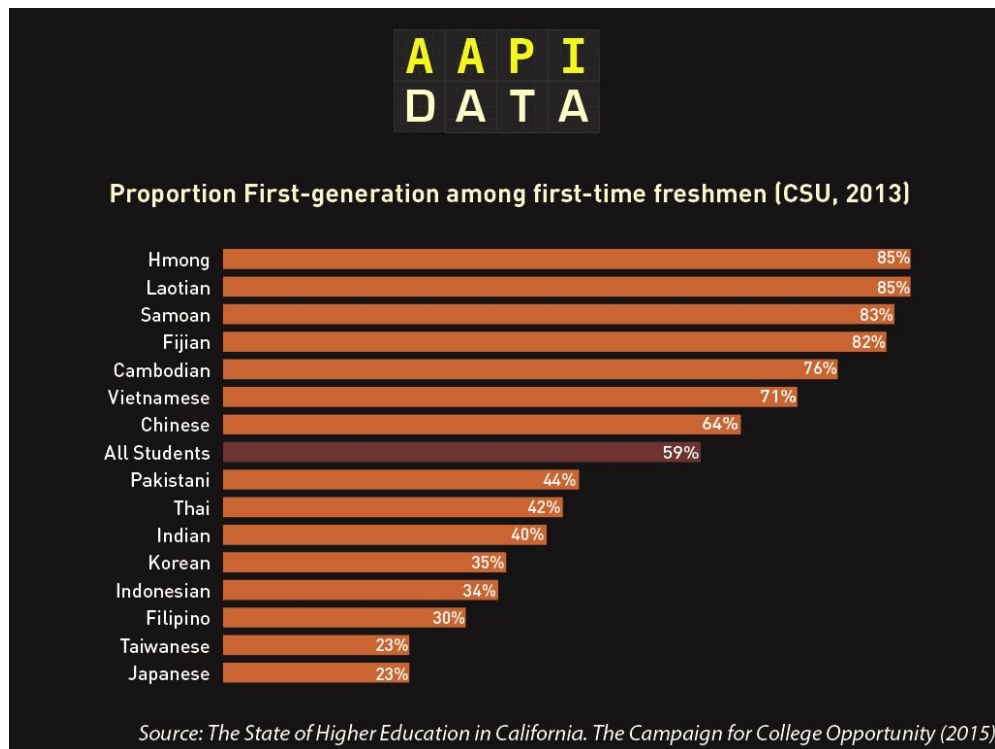


Figure 2. Proportion of first-gen college students within various AAPI subgroups, within the California State University (CSU) system.

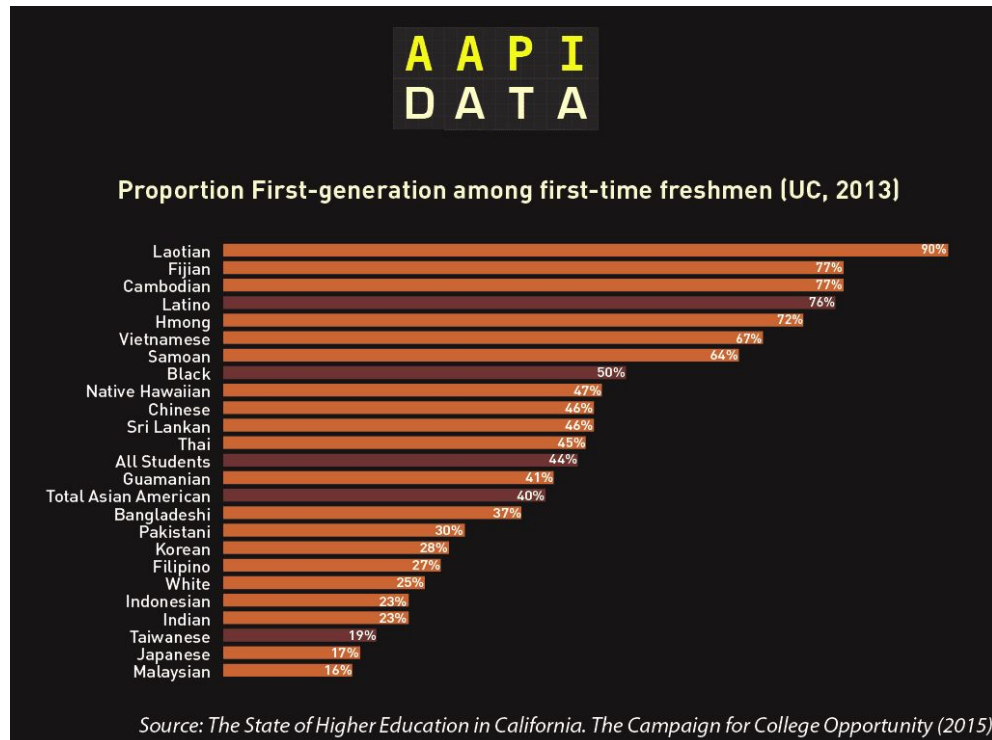


Figure 3. Proportion of first-generation college students within various AAPI subgroups, reported for the University of California (UC) system.

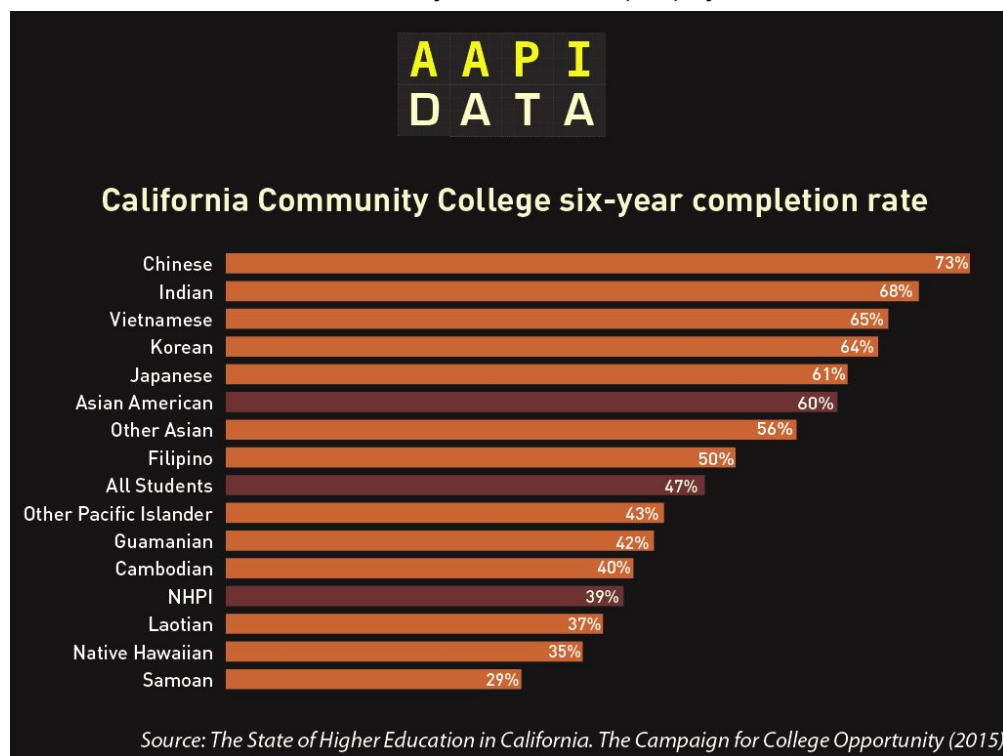


Figure 4. California Community College six-year completion rates for various AAPI subgroups.

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