To: Foothill-De Anza Community College District (FHDA)

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Subject: Asian Disaggregation

Background

The California Community Colleges CCCApply Standard application expanded their racial/ethnicity categories. For FHDA Institutional Research & Planning (IRP) to best utilize/operationalize these data for the purposes of research and analytics, there is a need to be able to disaggregate the Asian student population.

Design principles:

IRP conducted an exhaustive field analysis to identify a set of database design principles that supports district efforts to better understand academic trends and outcomes for different groups of students. We reviewed a variety of existing methodologies, considered the populations of FHDA, and decided on the following: .

- Align with current district methodologies for data disaggregation, reporting, and analytics.
- Align with external systems (CCCCO, LEA, county, state, etc.)
- Maintain anonymity of underlying students
- Is inclusive and flexible to changes.
- Easily integrated into existing data dashboarding systems and supports custom reporting needs both internally and externally.
- Is consistent with current database development and management practices.
- Can be replicated for additional disaggregation of student characteristics

Final Data Table

Each student can identify one or more race/ethnicity values in their CCCApply application. Using these race/ethnicity values and logic based on the design principles above, each student is reported as belonging to one or more of the following 10 Asian groups[1]:

1. Central Asian
2. South Asian
3. Southeast Asian
4. East Asian
5. Western Asian
6. Pacific Islands
7. Asian Other
8. Asian Unspecified
9. Multi-Asian
10. None

Asian Disaggregation Methodology

In concordance with database design and data table principles, we implemented a logic that assigns one Asian group for each student and thus creates reportable categories among students who identify as Asian or Asian American as part of their heritage (see Table 1 for examples). The logic follows the following steps:

1. For a student who is in only one regional group (#1 - #8), that regional group is reported.
   a. Example: Table 2 – Student 1, Student 2, and Student 3
2. For a student who is in only one regional group (#1 - #7) and Asian Unspecified, the regional group (#1 - #7) is reported.
   a. Example: Table 2 – Student 4
3. A student who is in more than one regional group (#1 - #7) is reported as Multi-Asian.
   a. Example: Table 2 – Student 5
4. A student who is in more than one regional group (#1 - #7) and Asian-Unspecified is reported as Multi-Asian.
   a. Example: Table 2 – Student 6
5. For a student who is in one of more regional groups (#1 - #9) and None, the regional group is reported.
   a. Example: Table 2 – Student 7
6. A student not identified in any category #1 - #9 is reported as None.
   a. Example: Table 2 – Student 8

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[1] Race/ethnicity data reflect values submitted in a student's most recent CCCApply application.

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Table 1: Regional Grouping Examples[2]

SELF-IDENTIFIED RACE/ETHNICITY		ASIAN REGION
Chinese Japanese	Korean Taiwanese	East Asian
Afghan		Central Asian
Asian Indian Bangladeshi	Pakistani Sri Lankan	South Asian
Cambodia Filipino Hmong	Laotian Thai Vietnamese	Southeast Asian
Egyptian Iranian/Persian Iraqi Israeli Jordanian Lebanese	Middle Easterner Moroccan Palestinian Turkish Other Middle Eastern Other North African	Western Asian
Guamanian Hawaiian	Samoan Other Pacific Islander	Pacific Islands

Table 2: Examples of Reported Grouping

STUDENT	SELF-IDENTIFIED RACE/ETHNICITY	ASIAN REGION	REPORTED GROUP
Student 1	1. Korean	1. East Asian	East Asian
Student 2	1. Chinese 2. Korean	1. East Asian 2. East Asian	East Asian
Student 3	1. Other Asian	1. Asian Other	Asian Other
Student 4	1. Jordanian 2. Turkish 3. Asian Unspecified	1. Western Asian 2. Western Asian 3. n/a	Western Asian
Student 5	1. Korean 1. Vietnamese	1. East Asian 1. Southeast Asian	Multi-Asian
Student 6	1. Chinese 2. Cambodian 3. Afghan 4. Asian Unspecified	1. East Asian 2. Southeast Asian 3. Central Asian 4. n/a	Multi-Asian
Student 7	1. Black 4. Filipino	1. n/a 4. Southeast Asian	Southeast Asian
Student 8	2. Mexican	2. n/a	None

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[2] The full list of groupings can be found here: Asian Disaggregation Grouping.pdf