

**Business Rules – UC & IPEDS Ethnicity**

**GENERIC BUSINESS RULES WHICH APPLY TO BOTH IPEDS AND UC ETHNIC CODES:**

1. The ethnic codes are classified into the following two categories:
  - a. IPEDS Ethnicity
  - b. UC Ethnicity
    - i. Undergraduate UC Ethnicity
    - ii. Graduate UC Ethnicity
2. The business rules defined in this document apply to student enrollment data files from summer 2010.
3. Student Enrollment data files prior to summer 2010 will be treated as historical data and all the business rules for historical data will be in a separate document. The summer 2010 date is the logical separator between current and historical business rules because the student enrollment source file layout was changed from summer 2010. The changes were related to ethnicity.
4. As per the business user request, the ethnicity data should satisfy the following two needs:
  - a. Store all the ethnicities declared for the student in the student enrollment source file i.e. a student may be associated with up to 6 distinct IPEDS Ethnicities or 74 distinct UC ethnicities (34 additional UC ethnicities [SWANA] added in 2014).
  - b. Display the primary ethnicity for each student in the Business Objective Universe. Every student has only one primary ethnicity including those with ‘Unknown’. The primary ethnicity is derived based on the business rules defined below.

**SPECIFIC BUSINESS RULES WHICH APPLY TO EACH CATEGORY:**

*IPEDS Ethnic Code*

1. The business rules for IPEDS ethnicity are the same for Graduate and Undergraduate students.
2. The list of IPEDS ethnicities is shown in the table below. The first six ethnicities are from the student enrollment source file and the rest are derived based on the business rules defined below.

| <b>Primary IPEDS Ethnicity</b>         | <b>Source</b>           |
|--|-------------------------|
| Hispanic/Latino                        | Student Enrollment File |
| African American/Black                 | Student Enrollment File |
| American Indian/Alaska Native          | Student Enrollment File |
| Asian                                  | Student Enrollment File |
| Native Hawaiian/Other Pacific Islander | Student Enrollment File |
| White                                  | Student Enrollment File |
| Non-Resident Alien                     | Derived                 |
| Two or More Races                      | Derived                 |
| Unknown                                | Derived                 |

1. Below are the rules for deriving the primary IPEDS ethnicity for student enrollment data. The order of the rules is important i.e. if rule 'a' is satisfied then ignore all other rules. Labels in parentheses represent the field in the enrollment input file used to derive the IPEDS race/ethnicity.
  - a. If the student is nonresident alien (NRA) then display 'NONRESIDENT ALIEN' as the primary race/ethnicity. See attached list of citizenship codes for those that UC treats as international and domestic
    - i. Following is the logic to determine if a student is NRA:
      1. If citizen status code (H060) not in ('US', 'PR', 'RF', 'AP', 'AM', 'AS', ' ') then student is identified as Non-Resident Alien (NRA).
  - b. if the student selected HISPANIC/LATINO (H920) then report as HISPANIC/LATINO (regardless of any other selections they may have made)
  - c. if the student selected only one race/ethnicity among the following, then report as that race/ethnicity
    - i. AFRICAN AMERICAN/BLACK (H921)
    - ii. AMERICAN INDIAN/ALASKAN NATIVE (H922)
    - iii. ASIAN (H923)
    - iv. NATIVE HAWAIIAN/OTHER PACIFIC ISLANDER (H924)
    - v. WHITE (H925)
  - d. if the student selected more than one race/ethnicity among the following, then report as TWO OR MORE RACES
    - i. AFRICAN AMERICAN/BLACK (H921)
    - ii. AMERICAN INDIAN/ALASKAN NATIVE (H922)
    - iii. ASIAN (H923)
    - iv. NATIVE HAWAIIAN/OTHER PACIFIC ISLANDER (H924)
    - v. WHITE (H925)
  - e. if the student made no IPEDS selects (and is not NRA) then default to the corresponding primary UC ethnicity as described below
  - f. The table below shows the mapping for translating UC ethnicity to IPEDS ethnicity i.e. the 14 UC ethnicities to 7 IPEDS ethnicities.

| IPEDS Ethnicity         | Primary UC Ethnicity   |
|-------------------------|--|
| Hispanic/Latino         | Other Spanish American/Latino<br>Mexican<br>American/Chicano |
| African American/Black  | African American/Black                                       |
| American Indian/Alaskan | American Indian/Alaskan Native                               |
| Asian                   | East Indian/Pakistani  |
|                         | Other Asian  |
|                         | Chinese  |
|                         | Filipino   |
|                         | Japanese   |

| IPEDS Ethnicity                        | Primary UC Ethnicity |
|--|----------------------|
| Asian                                  | Vietnamese           |
|  | Korean               |
| Native Hawaiian/Other Pacific Islander | Pacific Islander     |
| White                                  | White/Caucasian      |
| Unknown                                | Unknown              |

[UC Ethnic Code](#)

[Undergraduate UC Ethnic Code:](#)

1. The list of Undergraduate UC Ethnicities and corresponding reporting order is displayed in the table below. The reporting order is used in determining the primary UC ethnicity.

| UC Ethnicity Level 2             | Reporting Order | Primary Undergraduate UC Ethnicity |
|----------------------------------|-----------------|------------------------------------|
| African                          | 1               | African American/Black             |
| African American/Black           |                 |                                    |
| Caribbean                        |                 |                                    |
| Other African American/Black     |                 |                                    |
| Mexican/Mexican American/Chicano | 2               | Mexican/Mexican American/Chicano   |
| Cuban                            | 3               | Spanish American/Latino            |
| Latin American/Latino            |                 |                                    |
| Other Spanish American/Latino    |                 |                                    |
| Puerto Rican                     |                 |                                    |
| American Indian/Alaskan Native   | 4               | American Indian/Alaskan Native     |
| Filipino                         | 5               | Filipino                           |
| Vietnamese                       | 6               | Vietnamese                         |
| Chinese                          | 7               | Chinese                            |
| Taiwanese                        |                 |                                    |
| Asian Indian                     | 8               | East Indian/Pakistani              |
| East Indian                      |                 |                                    |
| Pakistani                        |                 |                                    |
| Japanese                         | 9               | Japanese                           |
| Korean                           | 10              | Korean                             |
| Fijian                           | 11              | Pacific Islander                   |
| Hawaii Other Pacific Islander    |                 |                                    |
| Guamanian/Chamoro                |                 |                                    |
| Hawaiian                         |                 |                                    |
| Samoaan                          |                 |                                    |
| Tongan                           |                 |                                    |
| Other Pacific Islander           |                 |                                    |
| Bangladeshi                      | 12              | Other Asian                        |
| Cambodian                        |                 |                                    |
| Hmong                            |                 |                                    |
| Indonesian                       |                 |                                    |
| Laotian                          |                 |                                    |

| UC Ethnicity Level 2  | Reporting Order | Primary Undergraduate UC Ethnicity |
|-----------------------|-----------------|------------------------------------|
| Malaysian             |                 | Other Asian                        |
| Sri Lankan            |                 |                                    |
| Thai                  |                 |                                    |
| Other Asian           |                 |                                    |
| White/Caucasian       | 13              | White/Caucasian                    |
| White/Middle Eastern  |                 |                                    |
| White/North African   |                 |                                    |
| Other White           |                 |                                    |
| Afghan                |                 |                                    |
| Armenian              |                 |                                    |
| Assyrian/Chaldean     |                 |                                    |
| Azerbaijani           |                 |                                    |
| Bahraini              |                 |                                    |
| Circassian            |                 |                                    |
| Emerati               |                 |                                    |
| Georgian              |                 |                                    |
| Iranian               |                 |                                    |
| Iraqi                 |                 |                                    |
| Israeli               |                 |                                    |
| Jordanian             |                 |                                    |
| Kurdish               |                 |                                    |
| Kuwaiti               |                 |                                    |
| Lebanese              |                 |                                    |
| Omani                 |                 |                                    |
| Palestinian           |                 |                                    |
| Qatari                |                 |                                    |
| Saudi Arabian         |                 |                                    |
| Syrian                |                 |                                    |
| Turkish               |                 |                                    |
| Yemeni                |                 |                                    |
| Other Southwest Asian |                 |                                    |
| Algerian              |                 |                                    |
| Berber                |                 |                                    |
| Djiboutian            |                 |                                    |
| Egyptian              |                 |                                    |
| Libyan                |                 |                                    |
| Mauritanian           |                 |                                    |
| Moroccan              |                 |                                    |
| Somali                |                 |                                    |
| Sudanese              |                 |                                    |
| Tunisian              |                 |                                    |
| Other North African   |                 |                                    |
| Unknown               | 14              | Unknown                            |

2. The business rules for displaying the primary Undergraduate UC ethnicities for student enrollment data is as follows:
  - a. If more than one UC ethnicity is declared for the student then display the ethnicity with the minimum reporting order number as the primary UC ethnicity.
  - b. If no UC ethnicity is selected for the student then display 'Unknown' as the primary ethnicity.

Graduate UC Ethnic Code:

1. The list of Graduate UC Ethnicity and corresponding reporting order is displayed in the table below. The reporting order is used in determining the primary UC ethnicity.

| UC Ethnic Code Level 2           | Reporting Order | Primary Undergraduate UC Ethnic Code |
|----------------------------------|-----------------|--------------------------------------|
| African                          | 1               | African American/Black               |
| African American/Black           |                 |                                      |
| Caribbean                        |                 |                                      |
| Other African American/Black     |                 |                                      |
| Mexican/Mexican American/Chicano | 2               | Mexican/Mexican American/Chicano     |
| Latin American/Latino            | 3               | Spanish American/Latino              |
| Puerto Rican                     |                 |                                      |
| Cuban                            |                 |                                      |
| Other Spanish American/Latino    |                 |                                      |
| American Indian/Alaska Native    | 4               | American Indian/Alaska Native        |
| Hawaii Other Pacific Islander    | 5               | Pacific Islander                     |
| Fijian                           |                 |                                      |
| Guamanian/Chamoro                |                 |                                      |
| Hawaiian                         |                 |                                      |
| Samoan                           |                 |                                      |
| Tongan                           |                 |                                      |
| Other Pacific Islander           |                 |                                      |
| Vietnamese                       | 6               | Vietnamese                           |
| Filipino                         | 7               | Filipino                             |
| Japanese                         | 8               | Japanese                             |
| Chinese                          | 9               | Chinese                              |
| Taiwanese                        |                 |                                      |
| Korean                           | 10              | Korean                               |
| East Indian                      | 11              | East Indian/Pakistani                |
| Asian Indian                     |                 |                                      |
| Pakistani                        |                 |                                      |
| Bangladeshi                      | 12              | Other Asian                          |
| Cambodian                        |                 |                                      |
| Hmong                            |                 |                                      |
| Indonesian                       |                 |                                      |
| Laotian                          |                 |                                      |
| Malaysian                        |                 |                                      |

| UC Ethnic Code Level 2 | Reporting Order | Primary Undergraduate UC Ethnic Code |
|------------------------|-----------------|--------------------------------------|
| Sri Lankan             | 12              | Other Asian                          |
| Thai                   |                 |                                      |
| Other Asian            |                 |                                      |
| White/Caucasian        | 13              | White/Caucasian                      |
| White/Middle Eastern   |                 |                                      |
| White/North African    |                 |                                      |
| Other White            |                 |                                      |
| Afghan                 |                 |                                      |
| Armenian               |                 |                                      |
| Assyrian/Chaldean      |                 |                                      |
| Azerbaijani            |                 |                                      |
| Bahraini               |                 |                                      |
| Circassian             |                 |                                      |
| Emerati                |                 |                                      |
| Georgian               |                 |                                      |
| Iranian                |                 |                                      |
| Iraqi                  |                 |                                      |
| Israeli                |                 |                                      |
| Jordanian              |                 |                                      |
| Kurdish                |                 |                                      |
| Kuwaiti                |                 |                                      |
| Lebanese               |                 |                                      |
| Omani                  |                 |                                      |
| Palestinian            |                 |                                      |
| Qatari                 |                 |                                      |
| Saudi Arabian          |                 |                                      |
| Syrian                 |                 |                                      |
| Turkish                |                 |                                      |
| Yemeni                 |                 |                                      |
| Other Southwest Asian  |                 |                                      |
| Algerian               |                 |                                      |
| Berber                 |                 |                                      |
| Djiboutian             |                 |                                      |
| Egyptian               |                 |                                      |
| Libyan                 |                 |                                      |
| Mauritanian            |                 |                                      |
| Moroccan               |                 |                                      |
| Somali                 |                 |                                      |
| Sudanese               |                 |                                      |
| Tunisian               |                 |                                      |
| Other North African    |                 |                                      |
| Unknown                | 14              | Unknown                              |

2. The business rules for displaying the primary Graduate UC ethnicity for student enrollment data is as follows:
  - a. If more than one UC ethnicity is declared for the student then display the ethnicity with the minimum reporting order number as the primary UC ethnicity.
  - b. If no UC ethnicity is selected for the student then display 'Unknown' as the primary ethnicity.