

## June 25, 2008 CCHE DAG meeting

Items to consider – Lou McClelland, CU-Boulder

### SURDS

- Dictionary
  - Put entire SURDS dictionary (fields, glossary, file descriptions, layouts) on a public site
  - Ensure that definitions and glossaries are up to date. E.g., last update of ACT codes for high schools is 2005.
- UAF: Add a new field for HS state; modify HS code definition and edits
  - **See** separate proposal PBA: L:\sisdoc\SURDS\AP\HSCCode0806.doc
  - Rationale: Many ACT codes for Colorado HS now begin with digits other than 06; this makes reporting those HS impossible while following current definition and edit specs for HS code. Example: 996071, Skyview Expeditionary Learning.
- Degree level (many files)
  - Change to conform to IPEDS changes eliminating first-professional and dividing doctoral degrees into three categories.
  - **See** separate proposal PBA: L:\sisdoc\SURDS\DegreeLevel0806.doc
- Racial-ethnic-citizenship codes (many files)
  - Change to conform to Dept of Education guidelines
  - Write-up of changes, issues for CU:  
<http://www.colorado.edu/pba/policy/IPEDSRaceEthnic.doc>
  - AIR/AAU data exchange writeup: (not posted yet)
  - Retain all info, enable required IPEDS reporting, enable comparison to other reporting rules by collecting a series of yes/no answers, not one field
  - **See** separate proposal for SURDS PBA: L:\sisdoc\SURDS\RaceEthnic.doc

### Other

- Public posting of approved degree list for all institutions, refreshed once a month.
- Allow use of a CIP sequence number to distinguish specific degree within the same CIP code, for schools that offer two (or more) different degrees within the same discipline at the same degree level. Examples:
  - BA vs. BFA
  - MA vs. MS
  - MA vs MFA
  - MBA vs other master's in business
- Status of HEAR implementation and requisite SURDS UAF changes. Meeting 9/07
  - Draft proposal of variables for SURDS, 9/26/07, McClelland to Carnahan, others
  - Plan for state-wide 20% window, reallocation of fail slots
- Clarify institution and CCHE roles in IPEDS loads and overrides for enrollment, degrees, and GRS. Aim to end the cycle with load-generation code all view as satisfactory. Example where this did not happen:
  - CCHE loads Boulder IPEDS enrollment with 88 more new non-degree undergrads than we think we have. CCHE sends us the IDs. We match all but the 88, who are registration type = 5 = continuing. We send the 88 IDs back to CCHE so we can determine why they're counted this way and change CCHE's code or our code. But we never heard from CCHE on this again so the error will be there again next year. We overrode the load and reported the lower number.

**Proposal – June 2008 – UAF – Lou McClelland, CU-Boulder**  
**Add High School STATE code (2 digits)**  
**Modify definition of High School Code (2 digits)**

**Current definition: High school code – 6 digits – UAF**

**Definition:** The code that identifies the secondary school from which a student graduated, comprised of a 2 digit state code plus a 4 digit institutional code.

**Codes/Notes:** A high school code must be reported if the student is first-time or is enrolled through a PSEO or Fast Track program. Use the 6 digit American College Testing (ACT) number for Colorado high school codes. Do not enter the hyphens in the school codes from the table. Refer to the ACT website for an unknown high school code (<http://www.act.org>). Search for high school codes; select Colorado and enter known information about high school in question. If the high school does not have an entry on the ACT website, contact CCHE for an assigned code.

**Edit Specs:** The field is divided into the state code (first two digits) and institution code (last four digits) for the edit.

- Error if state code is not a valid code from the table on State page, unless student is homeschooled or GED
- Error if state code is '06' and institution code is not a valid ACT code or four blanks for unknown.
- Error if code is 069999; use code '06' followed by four blanks (left justified) if unknown Colorado high school code.

**Proposal**

**NEW field – 2 digits – High school state**

- State code for the high school
- Required for same cases HS code is now required
- 2-digit state code per glossary

**MODIFIED field High school code – 6 digits** (Changes shown in track changes)

**Definition:** The code that identifies the secondary school from which a student graduated, comprised of a 2 digit ~~state code plus a 4 digit institutional~~ code.

**Codes/Notes:** A high school code must be reported if the student is first-time or is enrolled through a PSEO or Fast Track program. Use the 6 digit American College Testing (ACT) number for Colorado high school codes. Do not enter the hyphens in the school codes from the table. Refer to the ACT website for an unknown high school code (<http://www.act.org>). Search for high school codes; select Colorado and enter known information about high school in question. If the high school does not have an entry on the ACT website, contact CCHE for an assigned code.

**The ACT code for a Colorado high school may begin with 06 (usual), 96, 97, or other characters.**

**Edit Specs:** ~~The field is divided into the state code (first two digits) and institution code (last four digits) for the edit.~~

- ~~–Error if state code is not a valid code from the table on State page, unless student is homeschooled or GED~~
- Error if **the high school** state code is '06' (**Colorado**) and **the 6-digit institution-high school** code is not a valid ACT code or ~~sixfour~~ blanks for unknown.
- Error if code is 069999; ~~use code '06' followed by four blanks (left justified)~~ if unknown Colorado high school, **set this 6-digit field to blank.**~~code.~~

## Implementation in SURDS of IPEDS changes in degree level definitions

Lou McClelland, CU-Boulder, June 2008

### NCES Announces Final Plan for New Categories and Definitions for Classification of First-professional Degree Reporting in IPEDS

December 2007

[http://nces.ed.gov/IPEDS/news\\_room/ana\\_NCES\\_Announces\\_10312006\\_5.asp](http://nces.ed.gov/IPEDS/news_room/ana_NCES_Announces_10312006_5.asp)

The first-professional degree category will be eliminated, . . . , and doctor's degrees will be collected in three categories: research/scholarship, professional practice, and other, as defined below:

**Doctor's degree - research/scholarship** - A Ph.D. or other doctor's degree that requires advanced work beyond the master's level, including the preparation and defense of a dissertation based on original research, or the planning and execution of an original project demonstrating substantial artistic or scholarly achievement. Some examples of this type of degree may include Ed.D., D.M.A., D.B.A., D.Sc., D.A., or D.M., and others, as designated by the awarding institution.

**Doctor's degree - professional practice** - A doctor's degree that is conferred upon completion of a program providing the knowledge and skills for the recognition, credential, or license required for professional practice. The degree is awarded after a period of study such that the total time to the degree, including both pre-professional and professional preparation, equals at least six full-time equivalent academic years. Some of these degrees were formerly classified as "first-professional" and may include: Chiropractic (D.C. or D.C.M.); Dentistry (D.D.S. or D.M.D.); Law (L.L.B. or J.D.); Medicine (M.D.); Optometry (O.D.); Osteopathic Medicine (D.O); Pharmacy (Pharm.D.); Podiatry (D.P.M., Pod.D., D.P.); or, Veterinary Medicine (D.V.M.), and others, as designated by the awarding institution.

**Doctor's degree - other** - A doctor's degree that does not meet the definition of a doctor's degree - research/scholarship or a doctor's degree - professional practice.

In addition, the current first-professional certificate award category will be eliminated. Certificates previously counted in this category will be captured in the post-master's certificate category.

#### IPEDS implementation schedule:

Enrollment: Available for 2008-09 data collection year, mandatory for 09-10.

Completions: Available in 2009-10 data collection year (reporting on awards granted 08-09), mandatory the next year.

#### SURDS definition, current

Certificates-

- 01 - Certificate (less than 1 year)
- 02 - Certificate (at least 1 but less than 2 years)
- 03 - Certificate (at least 2 but less than 4 years)
- 05 - Post-Master's Certificate (Regis Univ only)

Degrees- 11 - Associate of Applied Science

12 - Associate of General Studies

13 - Associate Degree (AA or AS)

21 - Bachelor's Degree

31 - Master's Degree

33 - Specialist Degree

41 - First-Professional Degree

51 - Doctoral Degree

| See proposed changes, next page.

**Proposed degree-level definitions.** Mandatory for data for summer '09 and later. New values invalid prior to summer '09. Note that the definitions follow IPEDS definitions.

01 through 33 – certificates, associate, bachelor's, master's, specialist – no change

41 - First-Professional Degree – **for reporting degrees & enrollment spring 2009 and earlier only -- included law, medical, veterinary, dental, pharmacy. Not valid for summer 2009 and later.**

51 - Doctoral Degree. **Effective summer 2009, means “doctoral – research/scholarship.” Includes PhD’s. Prior to summer 2009 included all doctoral degrees. A Ph.D. or other doctor's degree that requires advanced work beyond the master's level, including the preparation and defense of a dissertation based on original research, or the planning and execution of an original project demonstrating substantial artistic or scholarly achievement. Some examples of this type of degree may include Ed.D., D.M.A., D.B.A., D.Sc., D.A., or D.M, and others, as designated by the awarding institution.**

**52 – Doctoral degree, professional practice. Valid summer 2009 and later only. A doctor's degree that is conferred upon completion of a program providing the knowledge and skills for the recognition, credential, or license required for professional practice. The degree is awarded after a period of study such that the total time to the degree, including both pre-professional and professional preparation, equals at least six full-time equivalent academic years. Some of these degrees were formerly classified as "first-professional" and may include: Chiropractic (D.C. or D.C.M.); Dentistry (D.D.S. or D.M.D.); Law (L.L.B. or J.D.); Medicine (M.D.); Optometry (O.D.); Osteopathic Medicine (D.O); Pharmacy (Pharm.D.); Podiatry (D.P.M., Pod.D., D.P.); or, Veterinary Medicine (D.V.M.), and others, as designated by the awarding institution.**

**53 – Doctoral degree, other. Valid summer 2009 and later only. A doctor's degree that does not meet the definition of a doctor's degree - research/scholarship or a doctor's degree - professional practice.**

**Edits: 52, 53 not valid before summer '09 data. 41 not valid summer '09 data and later.**

PBA: L:\sisdoc\SURDS\DegreeLevel0806.doc

**Background on proposed new SURDS elements concerning ethnicity, race, citizenship**

Lou McClelland, CU-Boulder

Feb 2002

Updated June 2006

## The new elements

- Ethnicity/Race/Citizenship: Foreign
- Ethnicity/Race/Citizenship: Hispanic
- Ethnicity/Race/Citizenship: White
- Ethnicity/Race/Citizenship: Black or African American
- Ethnicity/Race/Citizenship: American Indian or Alaskan Native
- Ethnicity/Race/Citizenship: Asian
- Ethnicity/Race/Citizenship: Native Hawaiian or Other Pacific Islander

These elements replace the single ethnicity/race/citizenship field, which had values

- 1 - Non Resident Alien
- 2 - Black, non Hispanic
- 3 - American Indian or Alaskan Native
- 4 - Asian or Pacific Islander
- 5 - Hispanic
- 6 - White, non-Hispanic

blank = unknown

The new elements can be used to report all information captured under the US Dept of Ed/NCES/IPEDS guidelines. They can also be used to report information collected and stored in older systems. Examples later in the text will illustrate this.

In the old reporting system there were 2 concepts: Foreign/not, and if not, a set of 5 mutually-exclusive race/ethnicity categories. In the new version there are 3 concepts: Foreign/not, Hispanic/not, and race categories which are not mutually exclusive (the question must be, mark "one or more"). Both those who say "Hispanic" and those who say "not Hispanic" are asked about and classified into the race groupings. In the new SURDS fields, therefore, all race/ethnic categorizations except foreign are treated independently.

## Decision tree/reporting process for an individual case

1. Is the student "foreign" -- that is, a person who is not a citizen or national of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely. Does NOT include resident aliens, who are not citizens or nationals of the United States but who have been lawfully admitted for permanent residence. If yes report as foreign = 1. If no, foreign = 0. No blanks are allowed on this field; the institution must determine yes or no for each case. Formerly called "nonresident alien;" *could be so called again/still, and probably should, because Dept of Ed calls it "nonresident alien."*

2. If foreign, then all remaining ethnic/race fields **must** be blank or zero. Blanks and zeros will be treated identically by CCHE in both state analyses and federal reporting. If foreign, anything except zero or blank in the remaining race/ethnic fields will be identified as edit errors.

Note: The remaining fields are Hispanic, Asian, Black or African American, American Indian or Native Alaskan, Hawaiian or Pacific Islander, White.

3. All six fields other than foreign must be zero, blank, or one. Any combination of values for the 6 fields is allowed, from all one's (Hispanic and every listed racial group), to all zero's (declined to be identified with any of the listed groups, or did not answer the questions). Zero's and blanks in the 6 fields will be treated identically by CCHE in both state analyses and federal reporting. However, an institution may wish to distinguish zero = known NOT to identify with a particular group, from blank = it's not known whether this individual identifies with this group or not.

CCHE will label all zero's or all blanks or any combination with no one's as "unknown race/ethnicity."

**How to complete these fields if you have only information from old SURDS fields.**

If old = 1 (non-resident alien) then foreign = 1, all remaining 6 fields = zero or blank.

If old = 2 (African American) then foreign = 0, African American = 1, and all remaining fields = zero or blank.

Similar if old = 3, 4, 5, 6 (American Indian, Asian American, Hispanic, White, respectively) -- foreign = 0, one and only one field of American Indian, Asian, Hispanic, and White = 1, and the remaining 6 fields = zero or blank.

If old = blank, then foreign = 0 and the remaining fields = blank.

If the institution has evidence that a student previously reported as Asian American would definitely be Hawaiian or Pacific Islander, then this single field would be one, foreign = 0, all other fields zero or blank.

Once an institution has data collection and storage methods in place which allow self-identification as Hawaiian and Pacific Islander, and allow/instruct self-identification into multiple categories, and ask the Hispanic question first and separately, the institution can use the several fields to record all racial/ethnic identifications indicated by a non-foreign student.

Institutions may have some students whose racial/ethnic categorizations come entirely from new-style questions and data storage, while at the same time still having students whose racial/ethnic categorizations come from old-style questions and/or storage. Both can be reported under the new elements.

**Should we have an element indicating if was even POSSIBLE for the particular student to report new/multiple??? Might be helpful in getting through the transition period.**

**Should we add an element with the institution's calculation of the IPEDS categorization, per the trumping rules? I'd say yes.**

- The trumping rules create a single categorization:
  - Non-resident alien (foreign) "trumps" all race/ethnicity categories
  - "Hispanic" trumps all racial categories
  - "Two or more races" is reported if non-Hispanic and any combination of two or more races
  - Non-Hispanic with a single race checked → categorizations including African American, White, etc.
- Adding such an element would allow independent calculation by CCHE, with notice to schools with incorrect calculation. This would make checking IPEDS loads easier.
- Values
 

|   |   |  |
|---|---|--|
| 1 | - | Non Resident Alien   |
| 2 | - | Black or African American, non Hispanic                                    |
| 3 | - | American Indian or Alaskan Native, non-Hispanic                            |
| 4 | - | Asian or Pacific Islander, non-Hispanic                                    |
| 5 | - | Hispanic   |
| 6 | - | White, non-Hispanic  |
| 7 | - | <i>Asian (not Native Hawaiian or other Pacific islander), non-Hispanic</i> |
| 8 | - | <i>Native Hawaiian or Other Pacific Islander, non-Hispanic</i>             |
| 9 | - | <i>Non-Hispanic and two or more races</i>                                  |

blank = unknown

**Timing**

- IPEDS
  - Remember what lands in IPEDS will \*look\* just like now – a single field/dimension, albeit with more valid values, and derived from different question(s) and trumping rules
  - New values will be available for IPEDS reports made in fall 2008 – e.g., fall enrollment
  - Use of new values optional for all surveys (reported in) 08-09 and 09-10
  - Use of new values mandatory for fall 2010 enrollment and 10-1-10 HR surveys
  - Use of new values mandatory for all surveys for reported in 2011-12 and later
  - *How will they know?* If you report no Native Hawaiian/Pacific Islander, and no “two or more races,” chances are overwhelming that you’re not in compliance with data collection and storage rules.
- SURDS
  - Agree on new yes/no fields. Add to all files for reporting in 08-09. Mandatory starting with fall '10 enrollment, FY2011 degrees, other files reported in 11-12.
  - Add an “IPEDS race/ethnic/citizenship categorization” field to all files for reporting in 08-09. If institution leaves blank, CCHE sets equal to current/old field.