Measuring Race & Ethnicity:
A Mixed Bag

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California, 1950's

◆ Looked a lot like "Grease"
  • 90% white

Appropriate Data Collection, 1950

◆ Pick one:

- Asian
- Black/Afr. American
- Native American
- Pacific Islander
- Filipino
- Hispanic
- White

California, 2010's

◆ Looks a lot more like "High School Musical"

Consider…

◆ Corbin Bleu (aka "Chad") in HSM:

- Mother: Italian
- Father: Jamacian

Consider…

◆ Vanessa Hudgens (aka Gabriella Montez) in HSM:

  ● Father: Irish & Native American
  ● Mother: Filipina

History

◆ On October 19, 2007, the U.S. Department of Education posted:

- "Final Guidance on Maintaining, Collecting, and Reporting Racial and Ethnic Data to the U.S. Department of Education" to implement OMB's 1997 Standards.

And it said:

◆ Two questions must be used when collecting ethnicity/race.

Question One:

◆ Whether the respondent is:
- ● "Hispanic or Latino or Spanish Origin" or
- ● "Not Hispanic or Latino or Spanish Origin"

(The term "Hispanic or Latino or Spanish Origin" is defined as a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race).

Question Two:

- Whether the respondent is from one or more races from the following list:

  - American Indian or Alaska Native
  - Asian
  - Black or African American
  - Native Hawaiian or Other Pacific Islander
  - White

Three caveats (per Feds):

- ◆ "decline to state" is not an allowable option—no checkbox
- ◆ Question must not be framed as being "optional", however no controls can exist to disallow a student/employee from simply not responding.
- ◆ "Check One or More" is the question for question #2.

Reporting

◆ Is different than collection.

◆ Populations (students, staff) will now have a *[one : many]* collection relationship between person and race/ethnicity

◆ Reporting seeks a *[one : one]* relationship so that things all add up to 100%

Reporting

◆ Federal Reporting Categories:

Current IPEDS Reporting Categories	New IPEDS Reporting Categories
1) Nonresident Alien	1) Nonresident Alien
2) Race and Ethnicity unknown	2) Race and Ethnicity unknown
3) Black, non-Hispanic	3) Hispanics of any race
4) American Indian/Alaskan Native	
5) Asian/Pacific Islander	For non-Hispanics only:
6) Hispanic	4) American Indian or Alaska Native
7) White, non-Hispanic	5) Asian
	6) Black or African American
	7) Native Hawaiian or Other Pacific Islander
	8) White
	9) Two or more races

Federal "Trump Rules"

◆ Nonresident Aliens (collected elsewhere) of any race are reported as *nonresident aliens*.

◆ If you fail to answer both questions *you are "unknown"*.

◆ If you answered "No" to Q1 and do not answer Q2, you are *"unknown"*.

Federal "Trump Rules"

◆ If you answered "Yes" to Q1 (Hispanic: Y/N), you are *"Hispanic"*.

- Regardless of what you answered in Q2
- Regardless of whether you even answered Q2

Federal "Trump Rules"

◆ If you answered 'No' to or failed to answer Q1 and

◆ check only one race box in Q2, you are considered as only that race you checked in Q2.

Federal "Trump Rules"

◆ If you answered "No" to or failed to answer Q1 and check more than one race box in Q2, you are considered as ***"Two or More Races".***

● Multiple-races are considered equally

New Collection Implemented

◆ Summer 2009: New race/eth collection format implemented

◆ New MIS collection Element: SB29
- Student Multi-Ethnicity

◆ New Derived MIS Element: STD10
- Student IPEDS Ethnicity

What We Thought Would Happen:

◆ 2000 Census: first collection of multi-race in 2 question format
  - How much would Hispanic go up?
  - How much would =>2 races be?
  - How far would all others go down?

◆ In CA:
  - 4.7% identified as 2 or more races
    ◆ For children <5, this figure was 8.4%

CA Census 2000: Hispanic/Latino Counts Up:

- 46% of Native Americans also identified as Latino
- 22% of Whites identify also with Latino
- 9% of Pacific Islanders
- 4% of Black/Afr. Amer.
- 1% of Asians

What Really Happened-Students:

- *drumroll*

Year	Asian	Hispanic	Black	>1 Race	White	Unknown
1992-1993	11.2%	19.8%	7.4%		50.7%	6.1%
1994-1995	12.3%	21.8%	7.8%		46.9%	4.8%
1996-1997	12.2%	22.9%	7.8%		44.7%	7.7%
1998-1999	12.2%	23.8%	7.6%		42.6%	9.0%
2000-2001	12.1%	25.0%	7.3%		40.4%	10.6%
2002-2003	12.3%	26.3%	7.5%		39.3%	9.8%
2004-2005	12.3%	27.7%	7.6%		37.2%	10.2%
2006-2007	12.2%	28.8%	7.5%		35.4%	11.1%
2008-2009	11.6%	29.6%	7.5%		33.6%	12.8%
2009-2010	11.1%	29.7%	7.0%	1.3%	30.9%	16.0%

What Really Happened-
Employees:

Term	Asian	Hispanic	Black	>1 Race	White	Unknown
Fall 2003	7.3%	5.3%	9.5%		74.3%	3.6%
Fall 2004	7.6%	5.1%	9.8%		73.8%	3.8%
Fall 2005	7.8%	5.1%	10.2%		72.8%	4.1%
Fall 2006	8.0%	5.0%	10.4%		72.0%	4.6%
Fall 2007	8.3%	5.3%	10.7%		70.8%	5.0%
Fall 2008	8.3%	5.3%	10.9%		69.8%	5.7%
Fall 2009	8.1%	5.0%	10.6%	0.3%	66.9%	9.2%

First-Time Students:

Year	Asian	Hispanic	Black	>1 Race	White	Unknown
2007-2008	10.0%	35.3%	8.7%		28.4%	13.2%
2008-2009	9.5%	35.2%	9.0%		27.7%	14.1%
2009-2010	8.8%	32.6%	7.4%	2.0%	24.7%	21.5%

What Happened???????

◆ Lots of conjecture, anecdotes
  - Could be a true trend toward non-disclosure, and new, complex questions further turned off constituents
  - Could be "non-mandatory" nature of questions
  - Could be data transformation/load errors
    ◆ Some campuses went of the charts with "unknowns": transfer of old to new, recoded with "X" values

Transition to the "New" Multiethnicity Data Element

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California Association for Institutional Research

November 18, 2010

Background

- We examined the ethnicity of students using the "old" ethnicity data field (Spring 2009)

- And re-examined those same students using the new multiethnicity data element (Fall 2009)

Background

- We did *not* re-survey our entire continuing student population

- Only a small percentage of continuing students update information on "Continuing Student Update Form"

- We are particularly interested in number/percentage of Latino students as we are trying to achieve HSI status

Comparison of old & new ethnicity data elements

		IPEDS Ethnicity Data Element (from fall 2009)							
		A	B	H	N	P	T	W	X
"Old" Ethnicity categories (from spring 2009)	Asian	460		1		1	2	2	81
	Filipino	218				1	2		29
	Black		231	1				1	44
	Hispanic			888				6	164
	Am Ind				51		1	2	8
	Pac Isl					80	1		16
	Other		1	2			1	2	134
	White	1		8		3	2	3932	482
	Not reported	4	3	5			4	27	992

Variations in Reporting Needs Under the New Ethnicity Questions

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De Anza College 'Impact' Grant

- Asian American and Native American Pacific Islander-Serving Institutions (AANAPISI) grant

- De Anza College grant focuses on certain groups: Filipino, Cambodian, Laotian, Vietnamese, Guamanian, Hawaiian, Samoan, Other Pacific Islander.

- Current Practice – At the detail ethnic level, use of Multi-ethnic if a student picks more than one category.

Three Different Reporting Needs

1) <u>Targeting Advisement Services / Recruitment</u>
✓Select anyone picking one or more of the targeted groups – do not need to know which one picked.

2) <u>Success Tracking -- Need to know specific ethnicity</u>
✓Need to assign one code within the targeted groups. Forced to 'prioritize' within the targeted categories, for example, if Filipino and Vietnamese then choice one - 'Filipino' for the purposes of tracking.

3) <u>Grant Application</u>
✓'Prioritize' across all categories, for example, Chinese and Filipino as Filipino to maximize the counts.

Other Issues

- Merging data from old and new formats

- No longer have Decline to State option

- Moved to CCC Apply in 2009-10 -- No longer a required item

Unknown in Race/Ethnicity

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Citrus College

- Hispanic Serving Institution

- Started CCCApply in Spring 2009

- Data in ARCC 2011 draft report
  Hispanic: 39.2% to 38.5% to 34.4%
  Unknown: 12.8% to 18.0% to 32.6%

ARCC: Unknown in Ethnicity Comparison

College	2007-2008	2008-2009	2009-2010	Banner School?
Southwestern	5.3	5.4	68.7	
North Orange Adult	21.4	18.8	64.8	
Barstow	9.9	13.3	64.5	yes
Gavilan	12.3	14.5	59.5	yes
Solano	6.0	19.6	53.5	yes
Fullerton	9.0	9.3	40.6	yes
Cerro Coso	6.3	7.7	39.6	yes
Berkeley City	14.2	21.5	35.8	
Bakersfield	6.8	7.2	34.1	yes
Citrus	12.8	18.0	32.6	yes
Santa Barbara	7.4	9.1	32.4	yes
Cerritos	13.1	11.5	30.8	

A little data investigation…

Fall 09 Credit and Non-credit, CCCApply

Are you of Hispanic Origin?

Yes	4647	32.5%			
No	4858	34.0%	answered Q2	4698	32.9%
			Skipped Q2	160	1.1%
Skipped Q1	4782	33.5%	answered Q2	175	1.2%
			Skipped Q2	4607	32.2%
Total	14287	100.0%			

Local Impacts and
Potential Policy Implications

- Grant application efforts

- Examining data through the equity lenses and the Equity Index