

Coding of Colleges and Universities from College Plans and College Attendance Survey Questions and the National Student Clearinghouse with the Carnegie Classifications of Institutions of Higher Education

The senior survey included questions about the colleges that students were likely to attend (Q26 to 29) and the one year follow-up survey included a question about the college(s) that the students were attending (F03). The original names of the colleges are text fields. When possible, these text fields were coded into numeric values that match the Carnegie Classification of Institutions of Higher Education.TM Using these codes, detailed attributes of the colleges are available.

The text information entered by students in these fields varied in quality. Sometime information was incomplete – for example, someone might have written “a community college in Seattle”. There are several, but the attributes of them are basically the same. So, we assigned the Carnegie code of a community college in Seattle.

Not all colleges are listed by Carnegie. No colleges outside of the US are listed. Plus, relatively new colleges (at the time) may not have been listed. In these cases, the level of the school (2 or 4 year) and geography were coded by UWBHS staff. The Carnegie attributes for these schools will be missing. Two variables are included in the file that **(names of variables)** include information for level and geography for the UWBHS and Carnegie coded colleges.

Some branches of schools were not listed, but the attributes of the school at the different locations are the same as the one listed. For example, the “Universal Technical Institute” has campuses in many locations, but only the ones in Puerto Rico and Arizona were listed in the Carnegie file that we used. In these cases, the attributes of the college (other than the state (location)) were drawn from the Carnegie codes.

Additionally, the National Student Clearinghouse Data lists all schools that the student has attended through the fall of 2008.

This memo explains the original survey questions about colleges students’ planned to attend or were attending, and the recoding of the text fields from these questions into numeric values describing attributes of these colleges using Carnegie Classification of Institutions of Higher Education.TM

The memo proceeds in four parts:

- 1) Part I reviews the original survey items which asked students to name colleges they were likely to go to and colleges they were attending at the time of the follow up.
- 2) Part II explains the Carnegie Classification of Institutions of Higher Education.TM
- 3) Part III explain how the classifications were used to recode the original text fields into numeric variables describing attributes of the colleges that are of interest to researchers.
- 4) Part IV explains the UWBHS Carnegie variables in greater detail. The appendix includes a complete list of all UWBHS variables based on the Carnegie Classification data classifications.

Part 1: Original survey items

Senior Survey

The UW-BHS senior survey asked several questions on the colleges that students reported they were likely to attend. The questions were modified between the first senior survey in 2000 and subsequent senior surveys conducted in 2002, 2003, 2004, and 2005. In 2000, students were able to report up to

6 colleges they were likely to attend. In the 2002-2005 senior surveys, students were able to report up to 4 colleges they were likely to attend.

2000 Survey

In the 2000 survey, students were asked to fill in the name (and city and state) of their first choice school in question 26a, and the name (and city and state) of their second choice school in question 27a. Then they were asked to report the names of up to four other schools they had applied to in questions 28aa, 28ba, 28ca, and 28da. Therefore, in 2000, students could report up to 6 schools they were likely to attend. Questions from the 2000 survey are reproduced below.

- 26) a) What is the name and location of the college, professional, or technical school you will most likely attend in the fall?**

Name _____ City _____ State _____

Don't know ☐

- 27) a) If you cannot attend this first school, what is your second-choice school?**

Name _____ City _____ State _____

I don't have a second-choice school ☐

Don't know ☐

- 28) Please tell us the names and locations of other schools to which you have applied, if any.**

a) Name _____ City _____ State _____

b) Name _____ City _____ State _____

c) Name _____ City _____ State _____

d) Name _____ City _____ State _____

2002 to 2005 Survey

In the 2002 to 2005 senior surveys, students were asked to report the name (and city and state) of their 1st, 2nd, 3rd, and 4th choice schools in questions 26, 27, 28, and 29, respectively, on the senior survey. Items from the 2002 to 2005 survey are reproduced below.

	<u>1ST CHOICE:</u>
26)	Name _____
(an)	_____

(ac)	City _____
(a)	State _____
	<u>2ND CHOICE:</u>
27)	Name _____
(an)	_____

(ac)	City _____
(a)	State _____
	<u>3RD CHOICE:</u>
28)	Name _____
(an)	_____

(ac)	City _____
(a)	State _____
	<u>4TH CHOICE:</u>
29)	Name _____
(an)	_____

(ac)	City _____
(a)	State _____

Variables **s026an** and **s027an**, which correspond to the name of the student's first and second choice school, are available in all years. The survey questions differ slightly (most likely to attend versus first choice), but we think they are roughly comparable. Note, however, that the other questions are not comparable. In 2000, the survey asks students to list up to four other schools the students *applied to*. The responses to these questions are contained in variables **s028aa**, **s028ba**, **s028ca**, and **s028da**. These variables are only available in 2000. In the senior surveys from 2002 to 2005, students reported their third choice and fourth choice colleges which are coded in variables **s028an** and **s029an**. These variables are only available in 2002-2005. Note that the *third and fourth choice colleges* from 2002-2005 indicate schools that the student may attend, while question 28 in 2000 inquires about schools the student has *applied to*. Altogether, the UWBHS data file includes 8 variables with college names from the senior survey, but only two are comparable across all years.

Follow up Survey

In the one year follow-up survey, students were asked to report the name (and city and state) of the college they were currently attending (if any) in question 3a. The responses are included in variable f03a. The follow-up survey item is reproduced below:

3) Where have you been attending school or college?

(a) Name _____ (b) City _____ (c) State _____

Thus, there are a total of 9 names of colleges (8 from the senior survey, 1 from the follow-up) which can be converted into numerical values corresponding to attributes of the colleges. Additionally, if students attended a college that was included in the National Student Clearinghouse Database they would receive a Carnegie Code for the school that they attended (provided the school had a Carnegie code).

To ensure confidentiality for our respondents, information on name (and city and state) of colleges the student was likely to attend, the college attended at time of follow-up, and the name of the college noted in the National Student Clearinghouse is suppressed. Instead of including written text from the questions in string variables, the UWBHS data file includes variables which give information on important characteristics of the named colleges (i.e. whether they are 2-year or 4-year; whether they are urban, rural, or suburban campuses; whether they grant medical degrees). The remainder of this document explains the Carnegie Classifications of Institutions of Higher Education, the source we used to classify each named college on characteristics of interest, and the process by which we converted the text fields from the student survey into variables. The next section of this memo will explain the Carnegie Classification of Institutions of Higher Education™ which was used to give numerical values to these 9 colleges and the colleges noted in the National Student Clearinghouse.

Part 2: The Carnegie Classification of Institutions of Higher Education™

The Carnegie Classification of Institutions of Higher Education™ is the most widely recognized reference work of all colleges and universities in the United States. The Carnegie Classification codes included in the UWBHS file come from the Carnegie Classifications Data File, as prepared May 30, 2006. Click http://depts.washington.edu/uwbhs/webdocs/Carnegie_file_1_636.xls to view the data file as an excel spreadsheet. This Data File includes this explanation:

“This file contains data for every institution in the Carnegie Classification institutional universe as of May 30, 2006. Included are each institution's classifications, most underlying data elements from which those classifications were derived, and selected additional variables from IPEDS. Proprietary data from the College Board which the Carnegie Foundation licensed for use in the classifications are not included in accordance with the license terms. These data include: entrance examination quartile cuts; number of transfer entrants; percentage of undergraduates living in college-owned, -operated, or -controlled housing; and self-described special focus. For specifics about data sources and how they were used to derive the classifications, refer to the "Classification Descriptions" and "Technical Details" information on the Carnegie Foundation Web site: <http://www.carnegiefoundation.org/classifications>”
Carnegie Foundation for the Advancement of Teaching, Carnegie Classifications Data File, May 30, 2006 edition.

The UWBHS file includes 15 variables based on the classifications found in the Carnegie Classification Data File (which correspond to the 15 source variables listed here). This chart lists the variable label from the Carnegie Classification Data File, and a brief description of the variable.

Carnegie Classification data file source variable	Variable Description
Accred	Accreditation Type
basic2005	Basic Classification
cc2000	2000 Carnegie Classification
Control	Control of Institution (Public versus Private)
enrprofile2005	Enrollment Profile Classification
Hbcu	Historically Black College or University
llevel	Level of Institution (2-year versus 4-year)
ipgrad2005	Graduate Program Classification
ipug2005	Undergraduate Program Classification
Locale	Degree of Urbanization
Medical	Institution Grants Medical Degrees
Obereg	Geographic Region
sizeset2005	Size and Setting Classification
Tribal	Tribal College
ugprofile2005	Undergraduate Profile Classification

Each of the 9 colleges that are reported by students in the senior survey or follow up survey and the colleges noted in the National Student Clearinghouse are given a value on each of these 15 variables. The next section of this memo will explain how the original text fields are recoded according to the Carnegie Classification of Institutions of Higher Education™.

Part 3: Recoding original text fields into Carnegie Classifications

Each of the colleges reported by students in the senior survey or follow up survey or noted in the National Student Clearinghouse have a value as calculated by Carnegie Classification for Institutions of Higher Education for each of the 18 attributes. In the appendix, find a list of all Carnegie variables available in the UWBHS file. In order to recode these text fields into numerical values, the names are matched to those found in the Carnegie Classifications data file (click http://depts.washington.edu/uwbhs/webdocs/Carnegie_file_1_636.xls to view), and then the values given by the Carnegie Classifications data file are recorded into the new variable.

A naming convention was created so that each variable name indicates the sources of the information in that variable. Each Carnegie Classification variable included in the UWBHS sample has a root and suffix. The root is a string of letters indicating which attribute of the college is being examined. There are 18 roots corresponding to the 15 attributes.

UWBHS variable root	Variable Description
accr	Accreditation Type
basi	Basic Classification
cc20	2000 Carnegie Classification
cont	Control of Institution (Public versus Private)
enrp	Enrollment Profile Classification
hbcu	Historically Black College or University
icle	Level of Institution (2-year versus 4-year)

ipgr	Graduate Program Classification
ipug	Undergraduate Program Classification
loca	Degree of Urbanization
medi	Institution Grants Medical Degrees
ober	Geographic Region
size	Size and Setting Classification
trib	Tribal College
ugpr	Undergraduate Profile Classification

The suffix code indicates the survey question number in the original senior survey or follow-up survey.

For example, the “icle” root (indicating a 2-year or 4-year institution) is attached to each of 8 original survey questions with a text field for colleges to create the following 8 variables

icle26	level of institution listed in s026an (all years)
icle27	level of institution listed in s027an (all years)
icle_28	level of institution listed in s028an (2002-2005)
icle28a	level of institution listed in s028aa (2000)
icle28b	level of institution listed in s028ba (2000)
icle28c	level of institution listed in s028ca (2000)
icle28d	level of institution listed in s028da (2000)
icle_29	level of institution listed in s029an (2002-2005)
iclef03	level of institution listed in f03a (follow up)

Note that the first four letters indicate the Carnegie Classification attribute, and the last 2 or 3 characters indicate the source question from either the senior survey or follow-up survey. For a complete list of all UWBHS variables that come from the Carnegie Classifications data file see the appendix of this memo.

Some respondents named colleges that were not in the Carnegie Classification database. For example students may have listed that they were planning on attending a community college, but did not give the name of the institution, or were planning on attending a foreign university, which are not included in the Carnegie codes. Other schools not matched were colleges with multiple branch campuses and illegible or nonsensical answers.

Part 4: Descriptions of Carnegie Classification Variables included in the UWBHS data file

The detailed descriptions for each of the 16 variables based on the Carnegie Classifications, including the associated variable names, the years available, and the variable codes or labels are listed here.

Accreditation Type (accr) – 2005 Classification

Variables with the “accr” root correspond to the accreditation type of the institution listed in each corresponding survey item. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

Variable Name: Years Available

ACCR26: All years
ACCR27: All years
ACCR_28: 2002+
ACCR28a: 2000

Codes/Labels

-1 Unknown
1 National/Specialized
2 State
3 Regional: Middle States

ACCR28b: 2000
 ACCR28c: 2000
 ACCR28d: 2000
 ACCR_29: 2002+
 ACCRf03: Follow up

4 Regional: New England
 5 Regional: North Central
 6 Regional: Northwest
 7 Regional: Southern
 8 Regional: Western

Basic Classification (Basic2005) – 2005 Classification

Variables with the “basi” root correspond to the basic classification of the institution listed in the corresponding survey item. This basic classification categorizes schools by the type of institution and degrees granted, as well as the focus of the institution, control (public versus private), and setting (urban versus rural). Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

Variable Name: Years Available

BASI26: All
 BASI27: All
 BASI_28: 2002+
 BASI28a: 2000
 BASI28b: 2000
 BASI28c: 2000
 BASI28d: 2000
 BASI_29: 2002+
 BASIf03: Followup

Codes/Label

-1 (Not applicable)
 0 (Not classified)
 1 Assoc/Pub-R-S: Associate's--Public Rural-serving Small
 2 Assoc/Pub-R-M: Associate's--Public Rural-serving Medium
 3 Assoc/Pub-R-L: Associate's--Public Rural-serving Large
 4 Assoc/Pub-S-SC: Associate's--Public Suburban-serving Single Campus
 5 Assoc/Pub-S-MC: Associate's--Public Suburban-serving Multicampus
 6 Assoc/Pub-U-SC: Associate's--Public Urban-serving Single Campus
 7 Assoc/Pub-U-MC: Associate's--Public Urban-serving Multicampus
 8 Assoc/Pub-Spec: Associate's--Public Special Use
 9 Assoc/PrivNFP: Associate's--Private Not-for-profit
 10 Assoc/PrivFP4: Associate's--Private For-profit
 11 Assoc/Pub2in4: Associate's--Public 2-year colleges under 4-year universities
 12 Assoc/Pub4: Associate's--Public 4-year Primarily Associate's
 13 Assoc/PrivNFP4: Associate's--Private Not-for-profit 4-year Primarily Associate's
 14 Assoc/PrivFP4: Associate's--Private For-profit 4-year Primarily Associate's
 15 RU/VH: Research Universities (very high research activity)
 16 RU/H: Research Universities (high research activity)
 17 DRU: Doctoral/Research Universities
 18 Master's L: Master's Colleges and Universities (larger programs)
 19 Master's M: Master's Colleges and Universities (medium programs)
 20 Master's S: Master's Colleges and Universities (smaller programs)
 21 Bac/A&S: Baccalaureate Colleges--Arts & Sciences
 22 Bac/Diverse: Baccalaureate Colleges--Diverse Fields
 23 Bac/Assoc: Baccalaureate/Associate's Colleges
 24 Spec/Faith: Special Focus Institutions--Seminaries, Bible colleges, and other faith-related institutions
 25 Spec/Med: Special Focus Institutions--Medical schools and medical centers
 26 Spec/Health: Special Focus Institutions--Other health professions schools
 27 Spec/Engg: Special Focus Institutions--Schools of engineering
 28 Spec/Tech: Special Focus Institutions--Other technology-related schools
 29 Spec/Bus: Special Focus Institutions--Schools of business and management
 30 Spec/Arts: Special Focus Institutions--Schools of art, music, and design
 31 Spec/Law: Special Focus Institutions--Schools of law
 32 Spec/Other: Special Focus Institutions--Other special-focus institutions
 33 Tribal: Tribal Colleges

Carnegie Classification (CC2000) – 2000 Classification

Variables with the “cc20” root correspond to the Carnegie Classification for the college named in the corresponding survey item. The Carnegie Classification categorizes schools into those that are Doctoral/Research Universities (extensive or intensive), Master's Colleges or Universities (I or II), Baccalaureate Colleges (liberal arts or general), Associate's Colleges, Specialized Institutions (for example, theological schools, medical schools, schools of design), and Tribal Colleges. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

Variable Name: Years Available

CC2026: All
 CC2027: All
 CC20_28: 2002+

Codes/Label

15 Doctoral/Research Universities—Extensive
 16 Doctoral/Research Universities—Intensive
 21 Master's Colleges and Universities I

CC2028a: 2000	22	Master's Colleges and Universities II
CC2028b: 2000	31	Baccalaureate Colleges—Liberal Arts
CC2028c: 2000	32	Baccalaureate Colleges—General
CC2028d: 2000	33	Baccalaureate/Associate's Colleges
CC20_29: 2002+	40	Associate's Colleges
CC20f03: Followup	51	Specialized Institutions—Theological seminaries and other specialized faith-related institutions
	52	Specialized Institutions—Medical schools and medical centers
	53	Specialized Institutions—Other separate health profession schools
	54	Specialized Institutions—Schools of engineering and technology
	55	Specialized Institutions—Schools of business and management
	56	Specialized Institutions—Schools of art, music, and design
	57	Specialized Institutions—Schools of law
	58	Specialized Institutions—Teachers colleges
	59	Specialized Institutions—Other specialized institutions
	60	Tribal colleges and universities

Control of Institution (control) – 2000 Classification

Variables with the “cont” root correspond to the control (public, private not-for-profit, private for-profit) given by the Carnegie Classifications data file for the college named in the corresponding survey item. Schools will have a value of 1 if they are public, 2 if they are private not-for-profit, and 3 if they are private for-profit. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

<u>Variable Name: Years Available</u>	<u>Codes/Label</u>
CONT26: All	1 Public
CONT27: All	2 Private not-for-profit
CONT_28: 2002+	3 Private for-profit
CONT28a: 2000	
CONT28b: 2000	
CONT28c: 2000	
CONT28d: 2000	
CONT_29: 2002+	
CONTf03: Followup	

Enrollment Profile Classification (enrprofile2005) – 2005 Classification

Variables with the “enrp” root correspond to the Enrollment Profile Classification given by the Carnegie Classifications data file for the college named in the corresponding survey item. The enrollment profile classification indicates the share of the enrollment at each college which is undergraduate 2-year, undergraduate 4-year, or graduate/professional. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

<u>Variable Name: Years Available</u>	<u>Codes/Label</u>
ENRP26: All	-1 (Not applicable)
ENRP27: All	0 (Not classified)
ENRP_28: 2002+	1 ExU2: Exclusively undergraduate two-year
ENRP28a: 2000	2 ExU4: Exclusively undergraduate four-year
ENRP28b: 2000	3 VHU: Very high undergraduate
ENRP28c: 2000	4 HU: High undergraduate
ENRP28d: 2000	5 MU: Majority undergraduate
ENRP_29: 2002+	6 MGP: Majority graduate/professional
ENRPf03: Followup	7 ExGP: Exclusively graduate/professional

Historically Black College or University (hbcu) – 2005 Classification

Variables with the “hbcu” root correspond to whether the college listed in the corresponding survey item is a historically black college or university. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

<u>Variable Name: Years Available</u>	<u>Codes/Label</u>
HBCU26: All	0 No
HBCU27: All	1 Yes
HBCU_28: 2002+	
HBCU28a: 2000	
HBCU28b: 2000	
HBCU28c: 2000	
HBCU28d: 2000	
HBCU_29: 2002+	
HBCUf03: Followup	

Level of Institution (iclevel) – 2005 Classification

Variables with the “icle” root correspond to the Level of Institution given by the Carnegie Classifications data file for the college named in the corresponding survey item. The Level of Institution indicates whether the college is four or more years (a value of 1) or at least two years but less than four years (a value of 2). Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

<u>Variable Name: Years Available</u>	<u>Codes/Label</u>
ICLE26: All	1 Four or more years
ICLE27: All	2 At least 2 but less than 4 years
ICLE_28: 2002+	
ICLE28a: 2000	
ICLE28b: 2000	
ICLE28c: 2000	
ICLE28d: 2000	
ICLE_29: 2002+	
ICLEf03: Followup	

Graduate Program Classification (ipgrad2005) – 2005 Classification

Variables with the “ipgr” root correspond to the Graduate Program Classification given by the Carnegie Classifications data file for the college named in variable s026an. The Graduate Program classification classifies graduate programs into those that are Post-baccalaureate or Doctoral, and further classifies by dominant field of study. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

<u>Variable Name: Years Available</u>	<u>Codes/Label</u>
IPGR26: All	-2 (Special focus institution)
IPGR27: All	-1 (Not applicable)
IPGR_28: 2002+	0 (Not classified)
IPGR28a: 2000	1 S-Postbac/Ed: Single postbaccalaureate (education)
IPGR28b: 2000	2 S-Postbac/Bus: Single postbaccalaureate (business)
IPGR28c: 2000	3 S-Postbac/Other: Single postbaccalaureate (other field)
IPGR28d: 2000	4 Postbac-Comp: Postbaccalaureate comprehensive
IPGR_29: 2002+	5 Postbac-A&S: Postbaccalaureate, arts & sciences dominant
IPGRf03: Followup	6 Postbac-A&S/Ed: Postbaccalaureate with arts & sciences (education dominant)
	7 Postbac-A&S/Bus: Postbaccalaureate with arts & sciences (business dominant)
	8 Postbac-A&S/Other: Postbaccalaureate with arts & sciences (other dominant fields)
	9 Postbac-Prof/Ed: Postbaccalaureate professional (education dominant)
	10 Postbac-Prof/Bus: Postbaccalaureate professional (business dominant)
	11 Postbac-Prof/Other: Postbaccalaureate professional (other dominant fields)
	12 S-Doc/Ed: Single doctoral (education)
	13 S-Doc/Other: Single doctoral (other field)
	14 CompDoc/MedVet: Comprehensive doctoral with medical/veterinary
	15 CompDoc/NMedVet: Comprehensive doctoral (no medical/veterinary)
	16 Doc/HSS: Doctoral, humanities/social sciences dominant
	17 Doc/STEM: Doctoral, STEM dominant
	18 Doc/Prof: Doctoral, professional dominant

Undergraduate Program Classification (ipug2005) – 2005 Classification

Variables with the “ipug” root correspond to the undergraduate program Classification given by the Carnegie Classifications data file for the college named in the corresponding survey item. The undergraduate program classification distinguishes between associates and special focus institutions,

and other undergraduate institutions. It further classification other undergraduate institutions by the institution focus (e.g. arts and sciences or professions) and the degree of graduate coexistence. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

<u>Variable Name: Years Available</u>	<u>Codes/Label</u>
IPUG26: All	-2 (Special focus institution)
IPUG27: All	-1 (Not applicable)
IPUG_28: 2002+	0 (Not classified)
IPUG28a: 2000	1 Assoc: Associates
IPUG28b: 2000	2 Assoc-Dom: Associates Dominant
IPUG28c: 2000	3 A&S-F/NGC: Arts & sciences focus, no graduate coexistence
IPUG28d: 2000	4 A&S-F/SGC: Arts & sciences focus, some graduate coexistence
IPUG_29: 2002+	5 A&S-F/HGC: Arts & sciences focus, high graduate coexistence
IPUGf03: Followup	6 A&S+Prof/NGC: Arts & sciences plus professions, no graduate coexistence
	7 A&S+Prof/SGC: Arts & sciences plus professions, some graduate coexistence
	8 A&S+Prof/HGC: Arts & sciences plus professions, high graduate coexistence
	9 Bal/NGC: Balanced arts & sciences/professions, no graduate coexistence
	10 Bal/SGC: Balanced arts & sciences/professions, some graduate coexistence
	11 Bal/HGC: Balanced arts & sciences/professions, high graduate coexistence
	12 Prof+A&S/NGC: Professions plus arts & sciences, no graduate coexistence
	13 Prof+A&S/SGC: Professions plus arts & sciences, some graduate coexistence
	14 Prof+A&S/HGC: Professions plus arts & sciences, high graduate coexistence
	15 Prof-F/NGC: Professions focus, no graduate coexistence
	16 Prof-F/SGC: Professions focus, some graduate coexistence
	17 Prof-F/HGC: Professions focus, high graduate coexistence

Degree of Urbanization (locale) – 2005 Classification

Variables with the “loca” root correspond to the locale given by the Carnegie Classifications data file for the college named in variable s026an. The locale indicates the degree of urbanization (large city, mid-sized city, urban fringe of large city, urban fringe of a mid-sized city, large town, small town, rural) of the location of the college. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

<u>Variable Name: Years Available</u>	<u>Codes/Label</u>
LOCA26: All	1 Large city
LOCA27: All	2 Mid-size city
LOCA_28: 2002+	3 Urban fringe of large city
LOCA28a: 2000	4 Urban fringe of mid-size city
LOCA28b: 2000	5 Large town
LOCA28c: 2000	6 Small town
LOCA28d: 2000	7 Rural
LOCA_29: 2002+	9 Not assigned
LOCAf03: Followup	

Institution Grants Medical Degree – 2005 Classification

Variables with the “medi” root indicate whether the institution named in the corresponding survey item grants medical degrees. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

<u>Variable Name: Years Available</u>	<u>Codes/Label</u>
MEDI26: All	-2 Not applicable
MEDI27: All	1 Yes
MEDI_28: 2002+	2 No
MEDI28a: 2000	
MEDI28b: 2000	
MEDI28c: 2000	
MEDI28d: 2000	
MEDI_29: 2002+	
MEDIf03: Followup	

Geographic Region (oberreg) – 2005 Classification

Variables with the “ober” root indicate the geographic region where the named college is located, according to Carnegie Classification data file. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

<u>Variable Name: Years Available</u>	<u>Codes/Label</u>
OBER26: All	0 US Service schools
OBER27: All	1 New England CT ME MA NH RI VT
OBER_28: 2002+	2 Mid East DE DC MD NJ NY PA
OBER28a: 2000	3 Great Lakes IL IN MI OH WI
OBER28b: 2000	4 Plains IA KS MN MO NE ND SD
OBER28c: 2000	5 Southeast AL AR FL GA KY LA MS NC SC TN VA WV
OBER28d: 2000	6 Southwest AZ NM OK TX
OBER_29: 2002+	7 Rocky Mountains CO ID MT UT WY
OBERf03: Followup	8 Far West AK CA HI NV OR WA
	9 Outlying areas AS FM GU MH MP PR PW VI

Size and Setting Classification (sizeset2005) – 2005 Classification

Variables with the “size” root correspond to the institution size given by the Carnegie Classifications data file for the college named in the corresponding survey item. The institution size categorizes schools by size, school type (2-year, 4-year, graduate), and whether the campus is residential or nonresidential. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

<u>Variable Name: Years Available</u>	<u>Codes/Label</u>
SIZE26: All	-2 (Special focus institution)
SIZE27: All	-1 (Not applicable)
SIZE_28: 2002+	0 (Not classified)
SIZE28a: 2000	1 VS2: Very small two-year
SIZE28b: 2000	2 S2: Small two-year
SIZE28c: 2000	3 M2: Medium two-year
SIZE28d: 2000	4 L2: Large two-year
SIZE_29: 2002+	5 VL2: Very large two-year
SIZEf03: Followup	6 VS4/NR: Very small four-year, primarily nonresidential
	7 VS4/R: Very small four-year, primarily residential
	8 VS4/HR: Very small four-year, highly residential
	9 S4/NR: Small four-year, primarily nonresidential
	10 S4/R: Small four-year, primarily residential
	11 S4/HR: Small four-year, highly residential
	12 M4/NR: Medium four-year, primarily nonresidential
	13 M4/R: Medium four-year, primarily residential
	14 M4/HR: Medium four-year, highly residential
	15 L4/NR: Large four-year, primarily nonresidential
	16 L4/R: Large four-year, primarily residential
	17 L4/HR: Large four-year, highly residential
	18 ExGP: Exclusively graduate/professional

Tribal College (tribal) – 2005 Classification

Variables with the “trib” root correspond to whether the college named in the survey item is a tribal college. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

<u>Variable Name: Years Available</u>	<u>Codes/Label</u>
TRIB26: All	0 No
TRIB27: All	1 Yes
TRIB_28: 2002+	
TRIB28a: 2000	
TRIB28b: 2000	
TRIB28c: 2000	
TRIB28d: 2000	
TRIB_29: 2002+	
TRIBf03: Followup	

Undergraduate Profile Classification (ugprofile2005) – 2005 Classification

Variables with the “ugpr” root correspond to the undergraduate profile classification given by the Carnegie classifications data file for the college named in the corresponding survey item. The undergraduate profile classification indicates the level of the institution (2-year or 4-year) as well as whether most students are full or part time, the selectivity of the school, and the amount of transfer students. Note the variable names are listed with the years in which they are available from the surveys. Under codes/labels you will find the labels associated with each value of the variable.

Variable Name: Years Available

UGPR26: All
UGPR27: All
UGPR_28: 2002+
UGPR28a: 2000
UGPR28b: 2000
UGPR28c: 2000
UGPR28d: 2000
UGPR_29: 2002+
UGPRf03: Followup

Codes/Label

-2 (Special focus institution)
-1 (Not applicable)
0 (Not classified)
1 PT2: Higher part-time two-year
2 Mix2: Mixed part/full-time two-year
3 MFT2: Medium full-time two-year
4 FT2: Higher full-time two-year
5 PT4: Higher part-time four-year
6 MFT4/I: Medium full-time four-year, inclusive
7 MFT4/S/LTI: Medium full-time four-year, selective, lower transfer-in
8 MFT4/S/HTI: Medium full-time four-year, selective, higher transfer-in
9 FT4/I: Full-time four-year, inclusive
10 FT4/S/LTI: Full-time four-year, selective, lower transfer-in
11 FT4/S/HTI: Full-time four-year, selective, higher transfer-in
12 FT4/MS/LTI: Full-time four-year, more selective, lower transfer-in
13 FT4/MS/HTI: Full-time four-year, more selective, higher transfer-in

Appendix: Complete list of all UWBHS variables which come from the Carnegie Classification data file.

UWBHS name	Original survey question	Carnegie Variable Name	Brief Description
accr26	s026an	accred	Accreditation Type
accr27	s027an	accred	Accreditation Type
accr_28	s028_an	accred	Accreditation Type
accr28a	s028aa	accred	Accreditation Type
accr28b	s028ba	accred	Accreditation Type
accr28c	s028ca	accred	Accreditation Type
accr28d	s028da	accred	Accreditation Type
accr_29	s029_an	accred	Accreditation Type
accrf03	f03a	accred	Accreditation Type
basi26	s026an	basic2005	Basic Classification
basi27	s027an	basic2005	Basic Classification
basi_28	s028_an	basic2005	Basic Classification
basi28a	s028aa	basic2005	Basic Classification
basi28b	s028ba	basic2005	Basic Classification
basi28c	s028ca	basic2005	Basic Classification
basi28d	s028da	basic2005	Basic Classification
basi_29	s029_an	basic2005	Basic Classification
basif03	f03a	basic2005	Basic Classification
c05_026	s026an	unitid	Unit ID
c05_027	s027an	unitid	Unit ID
c05_028	s028an	unitid	Unit ID
c05_028a	s028aa	unitid	Unit ID
c05_028b	s028ba	unitid	Unit ID

c05_028c	s028ca	unitid	Unit ID
c05_028d	s028da	unitid	Unit ID
c05_029	s029an	unitid	Unit ID
c05_f03	f03a	unitid	Unit ID
cc2026	s026an	cc2000	2000 Carnegie Classification
cc2027	s027an	cc2000	2001 Carnegie Classification
cc20_28	s028_an	cc2000	2002 Carnegie Classification
cc2028a	s028aa	cc2000	2003 Carnegie Classification
cc2028b	s028ba	cc2000	2004 Carnegie Classification
cc2028c	s028ca	cc2000	2005 Carnegie Classification
cc2028d	s028da	cc2000	2006 Carnegie Classification
cc20_29	s029_an	cc2000	2007 Carnegie Classification
cc20f03	f03a	cc2000	2008 Carnegie Classification
cont26	s026an	control	Control of Institution (Public versus Private)
cont27	s027an	control	Control of Institution (Public versus Private)
cont_28	s028_an	control	Control of Institution (Public versus Private)
cont28a	s028aa	control	Control of Institution (Public versus Private)
cont28b	s028ba	control	Control of Institution (Public versus Private)
cont28c	s028ca	control	Control of Institution (Public versus Private)
cont28c	s028da	control	Control of Institution (Public versus Private)
cont_29	s029_an	control	Control of Institution (Public versus Private)
contf03	f03a	control	Control of Institution (Public versus Private)
enrp26	s026an	enrprofile2005	Enrollment Profile Classification
enrp27	s027an	enrprofile2005	Enrollment Profile Classification
enrp_28	s028_an	enrprofile2005	Enrollment Profile Classification
enrp28a	s028aa	enrprofile2005	Enrollment Profile Classification
enrp28b	s028ba	enrprofile2005	Enrollment Profile Classification
enrp28c	s028ca	enrprofile2005	Enrollment Profile Classification
enrp28d	s028da	enrprofile2005	Enrollment Profile Classification
enrp_29	s029_an	enrprofile2005	Enrollment Profile Classification
enrpf03	f03a	enrprofile2005	Enrollment Profile Classification
hbcu26	s026an	hbcu	Historically Black College or University
hbcu27	s027an	hbcu	Historically Black College or University
hbcu_28	s028_an	hbcu	Historically Black College or University
hbcu28a	s028aa	hbcu	Historically Black College or University
hbcu28b	s028ba	hbcu	Historically Black College or University
hbcu28c	s028ca	hbcu	Historically Black College or University
hbcu28d	s028da	hbcu	Historically Black College or University
hbcu_29	s029_an	hbcu	Historically Black College or University
hbcuf03	f03a	hbcu	Historically Black College or University
icle26	s026an	iclevel	Level of Institution (2-year versus 4-year)
icle27	s027an	iclevel	Level of Institution (2-year versus 4-year)
icle_28	s028_an	iclevel	Level of Institution (2-year versus 4-year)
icle28a	s028aa	iclevel	Level of Institution (2-year versus 4-year)
icle28b	s028ba	iclevel	Level of Institution (2-year versus 4-year)
icle28c	s028ca	iclevel	Level of Institution (2-year versus 4-year)
icle28d	s028da	iclevel	Level of Institution (2-year versus 4-year)
icle_29	s029_an	iclevel	Level of Institution (2-year versus 4-year)
iclef03	f03a	iclevel	Level of Institution (2-year versus 4-year)
ipgr26	s026an	ipgrad2005	Graduate Program Classification
ipgr27	s027an	ipgrad2005	Graduate Program Classification
ipgr_28	s028_an	ipgrad2005	Graduate Program Classification
ipgr28a	s028aa	ipgrad2005	Graduate Program Classification
ipgr28b	s028ba	ipgrad2005	Graduate Program Classification
ipgr28c	s028ca	ipgrad2005	Graduate Program Classification
ipgr28d	s028da	ipgrad2005	Graduate Program Classification
ipgr_29	s029_an	ipgrad2005	Graduate Program Classification
ipgrf03	f03a	ipgrad2005	Graduate Program Classification

ipug26	s026an	ipug2005	Undergraduate Program Classification
ipug27	s027an	ipug2005	Undergraduate Program Classification
ipug_28	s028_an	ipug2005	Undergraduate Program Classification
ipug28a	s028aa	ipug2005	Undergraduate Program Classification
ipug28b	s028ba	ipug2005	Undergraduate Program Classification
ipug28c	s028ca	ipug2005	Undergraduate Program Classification
ipug28d	s028da	ipug2005	Undergraduate Program Classification
ipug_29	s029_an	ipug2005	Undergraduate Program Classification
ipugf03	f03a	ipug2005	Undergraduate Program Classification
loca26	s026an	locale	Degree of Urbanization
loca27	s027an	locale	Degree of Urbanization
loca_28	s028_an	locale	Degree of Urbanization
loca28a	s028aa	locale	Degree of Urbanization
loca28b	s028ba	locale	Degree of Urbanization
loca28c	s028ca	locale	Degree of Urbanization
loca28d	s028da	locale	Degree of Urbanization
loca_29	s029_an	locale	Degree of Urbanization
locaf03	f03a	locale	Degree of Urbanization
medi26	s026an	medical	Institution Grants Medical Degrees
medi27	s027an	medical	Institution Grants Medical Degrees
medi_28	s028_an	medical	Institution Grants Medical Degrees
medi28a	s028aa	medical	Institution Grants Medical Degrees
medi28b	s028ba	medical	Institution Grants Medical Degrees
medi28c	s028ca	medical	Institution Grants Medical Degrees
medi28d	s028da	medical	Institution Grants Medical Degrees
medi_29	s029_an	medical	Institution Grants Medical Degrees
medif03	f03a	medical	Institution Grants Medical Degrees
name26	s026an	name	Institution Name
name27	s027an	name	Institution Name
name_28	s028_an	name	Institution Name
name28a	s028aa	name	Institution Name
name28b	s028ba	name	Institution Name
name28c	s028ca	name	Institution Name
name28d	s028da	name	Institution Name
name_29	s029_an	name	Institution Name
namef03	f03a	name	Institution Name
ober26	s026an	oberereg	Geographic Region
ober27	s027an	oberereg	Geographic Region
ober_28	s028_an	oberereg	Geographic Region
ober28a	s028aa	oberereg	Geographic Region
ober28b	s028ba	oberereg	Geographic Region
ober28c	s028ca	oberereg	Geographic Region
ober28d	s028da	oberereg	Geographic Region
ober_29	s029_an	oberereg	Geographic Region
oberf03	f03a	oberereg	Geographic Region
size26	s026an	sizeset2005	Size and Setting Classification
size27	s027an	sizeset2005	Size and Setting Classification
size_28	s028_an	sizeset2005	Size and Setting Classification
size28a	s028aa	sizeset2005	Size and Setting Classification
size28b	s028ba	sizeset2005	Size and Setting Classification
size28c	s028ca	sizeset2005	Size and Setting Classification
size28d	s028da	sizeset2005	Size and Setting Classification
size_29	s029_an	sizeset2005	Size and Setting Classification
sizef03	f03a	sizeset2005	Size and Setting Classification
stab26	s026an	stabbr	State Abbreviation
stab27	s027an	stabbr	State Abbreviation
stab_28	s028_an	stabbr	State Abbreviation
stab28a	s028aa	stabbr	State Abbreviation

stab28b	s028ba	stabbr	State Abbreviation
stab28c	s028ca	stabbr	State Abbreviation
stab28d	s028da	stabbr	State Abbreviation
stab_29	s029_an	stabbr	State Abbreviation
stabf03	f03a	stabbr	State Abbreviation
trib26	s026an	tribal	Tribal College
trib27	s027an	tribal	Tribal College
trib_28	s028_an	tribal	Tribal College
trib28a	s028aa	tribal	Tribal College
trib28b	s028ba	tribal	Tribal College
trib28c	s028ca	tribal	Tribal College
trib28d	s028da	tribal	Tribal College
trib_29	s029_an	tribal	Tribal College
tribf03	f03a	tribal	Tribal College
ugpr26	s026an	ugprofile2005	Undergraduate Profile Classification
ugpr27	s027an	ugprofile2005	Undergraduate Profile Classification
ugpr_28	s028_an	ugprofile2005	Undergraduate Profile Classification
ugpr28a	s028aa	ugprofile2005	Undergraduate Profile Classification
ugpr28b	s028ba	ugprofile2005	Undergraduate Profile Classification
ugpr28c	s028ca	ugprofile2005	Undergraduate Profile Classification
ugpr28d	s028da	ugprofile2005	Undergraduate Profile Classification
ugpr_29	s029_an	ugprofile2005	Undergraduate Profile Classification
ugprf03	f03a	ugprofile2005	Undergraduate Profile Classification