



AIR – IPEDS Educator Webinar
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LEVERAGING THE CARNEGIE CLASSIFICATIONS

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Overview

- The Carnegie Classifications[®]
 - A brief review
 - The 2018 Update
 - Other than IR Uses
- IR Uses of the Carnegie Classifications
 - Identifying peer institutions
 - Benchmarking analyses
- The Carnegie Classifications and IPEDS
 - Basis upon and residence within IPEDS
 - Moving data from CCIHE to the IPEDS Data Center



PART 1 – THE CARNEGIE CLASSIFICATIONS®



Brief history, current structure, 2018 update and non-IR Uses





Carnegie Classifications – Original Purpose

- ...identify categories of colleges and universities that would be relatively homogeneous with respect to the functions of the institutions as well as with respect to characteristics of students and faculty members
- Shorthand for quickly characterizing an institution
- Government policy: system differentiation and resource allocation
- Help prospective students or staff members identify the pool of institutions they might wish to join
- Research uses: sampling, data analysis, or both



Update History of the Carnegie Classification

- Carnegie Commission for Higher Education
 - 1973 – Initial release to public
 - 1976 – Update by original team
- The Boyer Years – Still episodic
 - 1987
 - 1994
- The McCormick / Zhao years – periodic and consistent
 - 2000 – Attempt to downsize Research/Doctoral to 2 categories
 - 2005 – Back to 3 R/D categories; introduce Associate's (14) categories; new “dimensional” classifications
 - 2010 – Chun-Mei Zhao implements without changes



Carnegie Classification Evolution

- Five parallel classifications added in 2005
 - Framework: What is taught, to whom, in what setting?
 - Undergraduate instructional program
 - Graduate instructional program
 - Enrollment profile
 - Undergraduate profile
 - Size & Setting
- Legacy (basic) classification evolves slowly, continues its dominance in framing institutional diversity in the US



The IU-CPR Years, 2015 - ??

- 2015 – (Jan. 1) Classifications move to IU Center for Postsecondary Research
 - Funded for four years by The Lumina Foundation
 - Borden, Wakhungu, and Stewart
 - Advisory group
 - **Martha Kanter**, Distinguished Visiting Professor of Higher Education and Senior Fellow, NYU
 - **Kevin Kinser**, Professor and Chair, Education Policy Studies, Penn State University
 - **Deborah Santucci**, Chief Operating Officer and Vice President for Policy, Excelencia in Education
 - **Jamey Rorison**, Bill & Melinda Gates Foundation
 - **Paul, LeMahieu**, Senior Vice President, Program, Carnegie Foundation for the Advancement of Teaching
- 2015 – (Dec. 24) First CPR Update
 - Re-crafting Associate's Categories based on program and population mix
 - Decision to move to 3-year update cycle



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The Project Team



Changes in 2015

- Baccalaureate/Associate's Colleges
 - Mixed baccalaureate/associate's colleges (10-<50% BA+)
 - Associate's Dominant (<10% BA+)
- Associate's Colleges

↓Program mix/Student Mix→	High Traditional	Mixed	High Non-Traditional
High Transfer	Hi Trans/High Trad	Hi Trans/Mixed	High Trans/Hi Non-Trad
Mixed	Mixed / High Trad	Mixed/Mixed	Mixed/Hi Non-Trad
High Career & Technical	Hi CT/Hi Trad	Hi CT/Mixed	Hi CT / Hi Non Trad



History Chart

Original (1973) / 1976 / 1987	1994	2000	2005/2010	2015
Doctoral-Granting Universities Research Universities I Research Universities II Doctoral-Granting Universities I Doctoral-Granting Universities II	Doctorate-Granting Universities Research Universities I Research Universities II Doctoral Universities I Doctoral Universities II	Doctoral/Research Universities Doctoral/Research Universities - Extensive Doctoral/Research Universities - Intensive	Doctoral/Research Universities Research Universities (very high research activity) Research Universities (high research activity) Doctoral/Research Universities	Doctoral Universities Highest Research Activity Higher Research Activity Moderate Research Activity
Comprehensive Universities and Colleges Comprehensive Universities and Colleges I Comprehensive Universities and Colleges II	Master's (Comprehensive) Colleges and Universities Master's (Comprehensive) Colleges and Universities I Master's (Comprehensive) Colleges and Universities II	Master's Colleges and Universities Master's Colleges and Universities I Master's Colleges and Universities II	Master's Colleges and Universities Larger programs Medium programs Smaller programs	Master's Colleges and Universities Larger programs Medium programs Smaller programs
Liberal Arts Colleges Liberal Arts Colleges I Liberal Arts Colleges II	Baccalaureate Colleges Baccalaureate (Liberal Arts) Colleges I Baccalaureate Colleges II	Baccalaureate Colleges Liberal Arts General Baccalaureate/Associate's Colleges	Baccalaureate Colleges Arts & Sciences Diverse Fields Baccalaureate/Associate's Colleges	Baccalaureate Colleges Baccalaureate Colleges - Arts & Sciences Focus Baccalaureate Colleges - Diverse Fields Baccalaureate/Associate's Colleges Mixed Baccalaureate/Associate's
Two-Year Colleges and Institutes	Associate of Arts Colleges	Associate's Colleges	Associate's Colleges Public 4-year Primarily Associate's Private Not-for-profit 4-year Primarily Associate's Private For-profit 4-year Primarily Associate's Public Rural-serving Small Public Rural-serving Medium Public Rural-serving Large Public Suburban-serving Single Campus Public Suburban-serving Multicampus Public Urban-serving Single Campus Public Urban-serving Multicampus Public Special Use Private Not-for-profit Private For-profit Public 2-year colleges under 4-year universities	Associate's Dominant Associate's Colleges High Transfer-High Traditional High Transfer-Mixed Trad/Nontrad High Transfer-High Nontraditional Mixed Transfer/CareerTech-High Traditional Mixed Transfer/CareerTech-Mixed Trad/Nontrad Mixed Transfer/CareerTech-High Nontraditional High Career & Technical-High Traditional High Career & Technical-Mixed Trad/Nontrad High Career & Technical-High Nontraditional Special Focus - Two-Year Health Professions Technical Professions Arts & Design
Prof. Schools and Other Spec. Institutions Theological seminaries, Bible colleges and other institutions offering degrees in religion Medical schools and medical centers Other separate health profession schools Schools of engineering and technology Schools of business and management Schools of art, music, and design Schools of law Teachers College Other specialized institutions	Specialized Institutions Theological seminaries, Bible colleges and other institutions offering degrees in religion Medical schools and medical centers Other separate health profession schools Schools of engineering and technology Schools of business and management Schools of art, music, and design Schools of law Teachers colleges Other specialized institutions	Specialized Institutions Theological seminaries and other faith-related institutions Medical schools and medical centers Other separate health professions schools Schools of engineering and technology Schools of business and management Schools of art, music, and design Schools of law Teacher's colleges Other special-focus institutions	Special Focus Institutions Theological seminaries and other faith-related institutions Medical schools and medical centers Other health professions schools Schools of engineering Other technology-related schools Schools of business and management Schools of art, music, and design Schools of law Other special-focus institutions	Special Focus - Four Year Faith-Related Institutions Medical Schools & Centers Other Health Professions Schools Engineering Schools Other Technology-Related Schools Business & Management Schools Arts, Music & Design Schools Law Schools Other Special Focus Institutions
	Tribal Colleges and Universities	Tribal Colleges	Tribal Colleges	Tribal Colleges



The 2018 Update

- Public Review Release – December ~~18~~20, 2019
- Data Sources
 - 2016-17 IPEDS Completions
 - 2017 IPEDS Enrollment, Human Resources
 - FY2016 NSF/NIH GSS (Postgraduates and Non-Faculty PhD Research Staff)
 - FY2017 NSF HERD (Research Expenditures)
- Major change
 - Reshaping the Doctoral Universities Categories
 - Accommodating professional practice doctorates in the third category

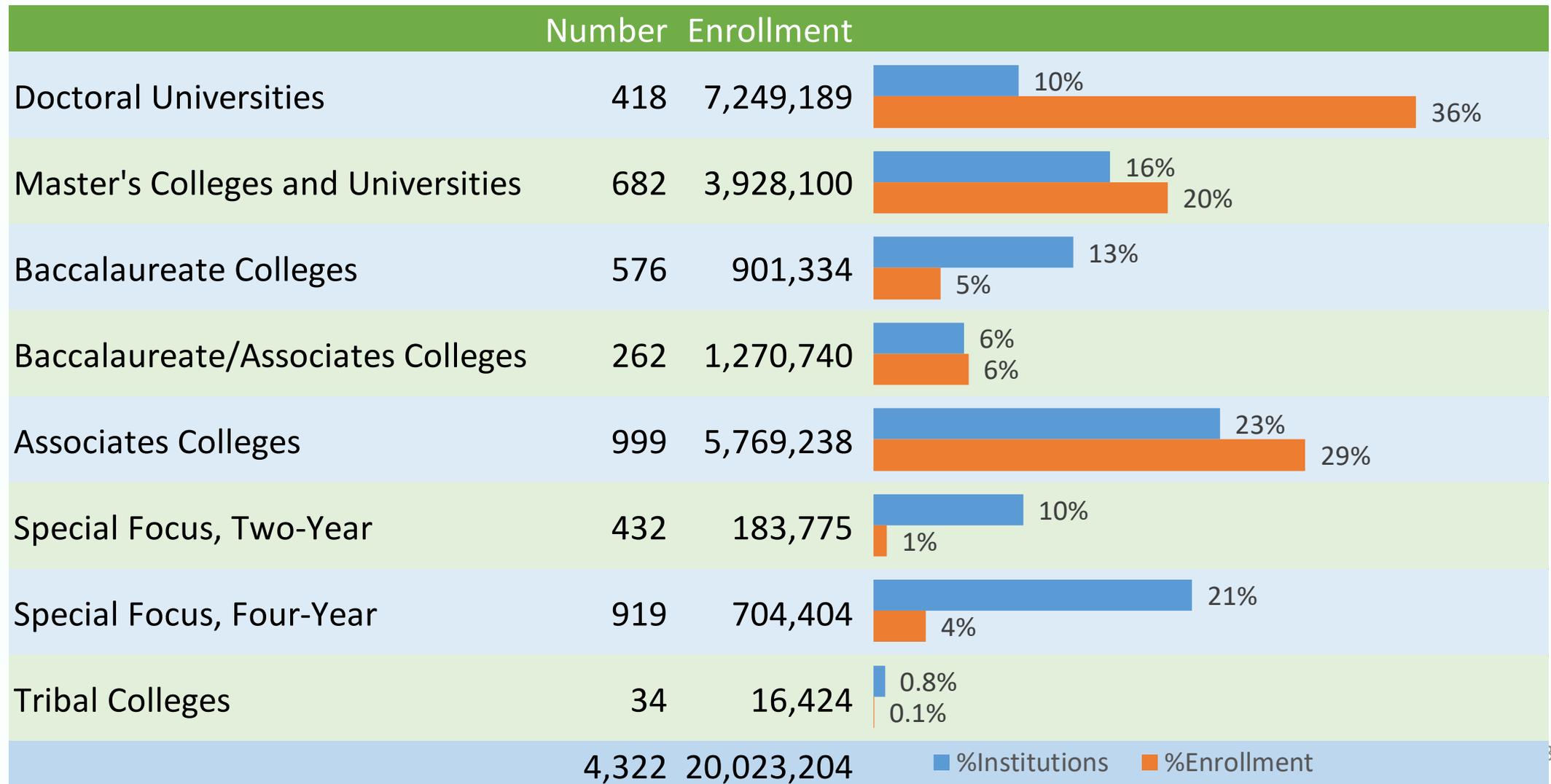


The 2018 Update

2005/2010	2015	2018
RU/VH: Research Universities (very high research activity)	R1: Doctoral Universities- Highest Research Activity	R1: Doctoral Universities- Very High Research Activity
RU/H: Research Universities (high research activity)	R2: Doctoral Universities- Higher Research Activity	R2: Doctoral Universities- High Research Activity
DRU: Doctoral/Research Universities	R3: Doctoral Universities: Moderate Research Activity	D/PU: Doctoral/Professional Universities



Distribution of Institutions and Enrollment





CCIHE – Other than IR Uses

- State legislation – funding allocations
 - Research intensive universities for research investments (R1/R2)
- Grant eligibility and funding rates
- Membership eligibility
 - Association of Research Libraries (R1/R2)
- Legitimacy of credential
 - Germany – legal use of title, “Doktor” (R1/R2)
 - U.S. States (Georgia/Nevada) – teacher licensing (out of state institutions, if not accredited program, R1/R2)
- US News & World Report Ranking Categories



USNWR Rankings

US News Category	CCIHE Category
National Universities	Doctoral Universities (all 3 categories...thus far)
National Liberal Arts Colleges	Baccalaureate Colleges – Arts & Science Focus
Regional Universities	Master’s Colleges & Universities (all 3 categories)
Regional Colleges	Other Baccalaureate Colleges (Diverse Fields, Bacc/Assoc)



PART 2 – IR USES OF THE CCIHE



Identifying peer institutions and benchmarking analyses





AIR Member Survey (2016)

- Use of the basic and other classifications

	Basic	Undergrad Instruct Program	Graduate Instruct Program	Enrollment Profile	Undergrad Profile	Size and Setting
Never	13%	38%	56%	32%	33%	26%
Few times a year	75%	56%	40%	60%	57%	61%
Monthly	7%	1%	0%	4%	6%	8%
Weekly	1%	3%	3%	4%	3%	2%
Daily	3%	0%	0%	0%	0%	2%



AIR Member Survey (2016)

Purposes of Use	Percent
Identify peer institutions	71%
Conduct benchmarking studies	48%
Support strategic planning for an institution	31%
Conduct environmental scanning study	18%
Accreditation review preparation	18%
Conduct scholarly research	13%
I don't use the Carnegie Classification data	9%



AIR Member Survey (2016)

- Respondents' suggestions on how to improve CCIHE
 - **Update the CCIHE**
 - Update more frequently
 - More institutional benchmarking tools
 - Readily accessible database with filters and statistical/graphic output
 - Classify for-profit institutions into different types
 - Include forward analyses
 - Use more national metrics to compare community colleges
 - **Other comments**
 - **Broaden awareness**
 - CCIHE
 - CCIHE web site
 - **Ranking**
 - CCIHE is not a ranking classification



Identifying Peers/Benchmarking with CCIHE

Live Demo

- Finding similar Institutions
- Using the standard and custom listings
- Filtering lists

- Reproducing the Research Activity Index
- Using the Public Data File



PART 3 – THE CARNEGIE CLASSIFICATIONS AND IPEDS



Basis upon and residence within IPEDS; Moving data from CCIHE to the IPEDS Data Center





CCIHE in IPEDS

- Institutional Characteristics: Institution classifications

- Carnegie Classification 2015: Basic (beginning 2015-16) [i](#)
- Carnegie Classification 2015: Undergraduate Instructional Program (beginning 2015-16) [i](#)
- Carnegie Classification 2015: Graduate Instructional Program (beginning 2015-16) [i](#)
- Carnegie Classification 2015: Undergraduate Profile (beginning 2015-16) [i](#)
- Carnegie Classification 2015: Enrollment Profile (beginning 2015-16) [i](#)
- Carnegie Classification 2015: Size and Setting (beginning 2015-16) [i](#)
- Carnegie Classification 2005/2010: Basic (2005-06 to 2014-15) [i](#)
- Carnegie Classification 2005/2010: Undergraduate Instructional Program (2005-06 to 2014-15) [i](#)
- Carnegie Classification 2005/2010: Graduate Instructional Program (2005-06 to 2014-15) [i](#)
- Carnegie Classification 2005/2010: Undergraduate Profile (2005-06 to 2014-15) [i](#)
- Carnegie Classification 2005/2010: Enrollment Profile (2005-06 to 2014-15) [i](#)
- Carnegie Classification 2005/2010: Size and Setting (2005-06 to 2014-15) [i](#)
- Carnegie Classification 1994/2000 (1994-95 to 2004-05) [i](#)



CCIHE in IPEDS

- Also within EZGroup (Basic Classification only)

Select

- First Look Universe ⓘ Title IV participating ⓘ U.S. only All institutions

Special missions (if any)

- Historically Black College or University Tribal College Land Grant Institution

Special characteristics

- [State or other jurisdiction](#)
- [Bureau of Economic Analysis \(BEA\) Regions](#)
- [Sector](#)
- [Degree-granting status](#)
- [Highest degree offered](#)
- [Institutional category](#)
- Carnegie Classification 2015: Basic**
- [Degree of urbanization \(Locale\)](#) ⓘ
- [Institution size category](#)
- [Reporting method \(academic/hybrid/program\)](#)
- [Has full-time first-time undergraduates](#)
- [All programs offered completely via distance education](#)

[Check all](#) | [Uncheck all](#)

[Close](#)

- Associate's Colleges: High Transfer-High Traditional
- Associate's Colleges: High Transfer-Mixed Traditional/Nontraditional
- Associate's Colleges: High Transfer-High Nontraditional
- Associate's Colleges: Mixed Transfer/Career & Technical-High Traditional
- Associate's Colleges: Mixed Transfer/Career & Technical-Mixed Traditional/Nontraditional
- Associate's Colleges: Mixed Transfer/Career & Technical-High Nontraditional
- Associate's Colleges: High Career & Technical-High Traditional
- Associate's Colleges: High Career & Technical-Mixed Traditional/Nontraditional
- Associate's Colleges: High Career & Technical-High Nontraditional



CCIHE and IPEDS Source Data

Classification	IPEDS variables
Basic	Completions by level and CIP
Undergraduate Instructional Program	Institutional level (IC), and program mix (Completions by CIP within level)
Graduate Instructional Program	Types of grad degrees and program mix (Completions by degree type and mix)
Enrollment Profile	Institution level (IC), enrollment by level (Fall Enr),
Undergraduate Profile	Institution level (IC), enrollment by course load (Fall Enr), selectivity (IPEDS Test Scores + College Board)
Size and Setting	Institution level (IC), enrollment size (Fall Enr), residential status (IC student charges + College Board)



Other Than IPEDS Source Data

- NSF – For Research Volume
 - Higher Education R&D for Expenditures
 - S&E Research Staff (Postdocs and NFR)
- College Board Annual Survey (**Not Used in 2018 Update**)
 - Special focus
 - Selectivity
 - Transfer volume
 - Residential character



Using CCIHE Generated Lists in IPEDS Data Center

LIVE DEMO



New Feature – Download UID File

- Example using “Find Similar”

Indiana University-Bloomington

Bloomington, Indiana

Level	4-year or above	<input type="checkbox"/>
Control	Public	<input checked="" type="checkbox"/>
Student Population	46,416	

Classification	Category	
Basic	Doctoral Universities: Highest Research Activity	<input checked="" type="checkbox"/>
Undergraduate Instructional Program:	Balanced arts & sciences/professions, high graduate coexistence	<input type="checkbox"/>
Graduate Instructional Program:	Research Doctoral: Comprehensive programs, no medical/veterinary school	<input checked="" type="checkbox"/>
Enrollment Profile:	High undergraduate	<input type="checkbox"/>
Undergraduate Profile:	Four-year, full-time, more selective, lower transfer-in	<input type="checkbox"/>
Size and Setting:	Four-year, large, primarily residential	<input type="checkbox"/>



Resulting List

[Home](#) > [Institution Lookup](#) > [Results](#)

27 results for Graduate Instructional Program = "Research Doctoral" and Basic = "Doctoral Universities" and Control = "Public"

[filter results](#) | [download results \(csv\)](#) | [\(uid\)](#) | [back](#) | [start over](#)

Institution	Location	Control
Arizona State University-Tempe	Tempe, Arizona	Public
Clemson University	Clemson, South Carolina	Public
CUNY Graduate School and University Center	New York, New York	Public
George Mason University	Fairfax, Virginia	Public
Georgia Institute of Technology-Main Campus	Atlanta, Georgia	Public
Georgia State University	Atlanta, Georgia	Public
Indiana University-Bloomington	Bloomington, Indiana	Public
Pennsylvania State University-Main Campus	University Park, Pennsylvania	Public
SUNY at Albany	Albany, New York	Public



UID Download File

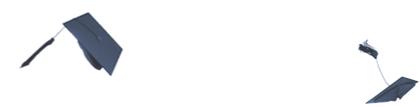
```
cc_download.uid - Notepad
File Edit Format View Help
104151|Arizona State University-Tempe|Tempe|AZ
217882|Clemson University|Clemson|SC
190576|CUNY Graduate School and University Center|New York|NY
232186|George Mason University|Fairfax|VA
139755|Georgia Institute of Technology-Main Campus|Atlanta|GA
139940|Georgia State University|Atlanta|GA
151351|Indiana University-Bloomington|Bloomington|IN
214777|Pennsylvania State University-Main Campus|University Park|PA
196060|SUNY at Albany|Albany|NY
229115|Texas Tech University|Lubbock|TX
228769|The University of Texas at Arlington|Arlington|TX
228778|The University of Texas at Austin|Austin|TX
228787|The University of Texas at Dallas|Richardson|TX
106397|University of Arkansas|Fayetteville|AR
110635|University of California-Berkeley|Berkeley|CA
110671|University of California-Riverside|Riverside|CA
110705|University of California-Santa Barbara|Santa Barbara|CA
110714|University of California-Santa Cruz|Santa Cruz|CA
126614|University of Colorado Boulder|Boulder|CO
130943|University of Delaware|Newark|DE
225511|University of Houston|Houston|TX
166629|University of Massachusetts-Amherst|Amherst|MA
181464|University of Nebraska-Lincoln|Lincoln|NE
227216|University of North Texas|Denton|TX
207500|University of Oklahoma-Norman Campus|Norman|OK
209551|University of Oregon|Eugene|OR
240453|University of Wisconsin-Milwaukee|Milwaukee|WI
```



Upload to IPEDS Data Center



Search IPEDS      



Use the Data

Access IPEDS data submitted to NCES through our data tools or download the data to conduct your research

 [Overview of IPEDS Data](#)
Get a bird's eye view of IPEDS data: learn what data are collected and how you can use the various tools on this page to access IPEDS data.

 [Compare Institutions](#)
Download IPEDS data files for more than 7,000 institutions and up to 250 variables. Data files are provided in comma separated value (*.csv) format.

 [Data Trends](#)
Use the Trend Generator to view trends on most frequently asked subject areas including: Enrollment, Comp Employees and Staff, Institutional Revenue

 [Survey Data](#)

 [Look Up an Institution](#)
Look up information for one institution at a time in two forms: institution profile (similar to reported data (institution's response to ea

 [Data Feedback Report](#)



 [Start over](#)  [Save session](#) [Help](#) [MAIN MENU](#)

Compare Institutions

[Final Release Data \(Change\)](#)

1. Select Institutions 2. Select Variables 3. Output

My Comparison Institution - None Selected  [ADD](#)

How would you like to select institutions to include in your data file/report?
 [By Names or UnitIDs](#) [By Groups](#) [By Variables](#) [By Uploading a File](#)

Power User Login
E-Mail: [Create an account](#)
Password: [Forgot password](#)

[Login](#)



Upload...



Data Center Help Desk (866) 558-0658



Compare Institutions

1. Select Institutions 2. Select Variables 3. Output

My Comparison Institution - None Selected **i**

How would you like to select institutions to include in your data file/report?

i [By Names or UnitIDs](#) **i** [By Groups](#) **i** [By Variables](#) **i** [By Uploading a File](#)

Upload File

You can upload any institutions file that you have downloaded from our site before. Note: if you have made any modifications to any of these files since downloading.

Enter file name: cc_download.uid



Data Center Help Desk (866) 558-0658

[Start over](#) [Save session](#) [Help](#)

[MAIN MENU](#)

Compare Institutions

Final Release Data [\(Change\)](#)

1. Select Institutions 2. Select Variables 3. Output

My Comparison Institution - None Selected **i**

Select Institutions - You have selected 27 institution(s)

How would you like to select institutions to include in your data file/report?

i [By Names or UnitIDs](#) **i** [By Groups](#) **i** [By Variables](#) **i** [By Uploading a File](#)

When you have finished selecting institutions, to Step 2 - Select Variables.

My Institutions

ID	Institution Name	City	State
139755	Georgia Institute of Technology-Main Campus	Atlanta	GA
228787	The University of Texas at Dallas	Richardson	TX
166629	University of Massachusetts-Amherst	Amherst	MA
139940	Georgia State University	Atlanta	GA
106397	University of Arkansas	Fayetteville	AR
181464	University of Nebraska-Lincoln	Lincoln	NE
151351	Indiana University-Bloomington	Bloomington	IN
110635	University of California-Berkeley	Berkeley	CA
227216	University of North Texas	Denton	TX
190576	CUNY Graduate School and University Center	New York	NY
228769	The University of Texas at Arlington	Arlington	TX
126614	University of Colorado Boulder	Boulder	CO
214777	Pennsylvania State University-Main Campus	University Park	PA

Add Variables of Interest

IPEDS
Data Center Help Desk (866) 558-0658

Start over Save session Help MAIN MENU

Compare Institutions Final Release Data (Change)

1. Select Institutions 2. Select Variables 3. Output

My Comparison Institution - None Selected

Select Institutions - You have selected 27 institution(s)

How would you like to select variables to include in your data file/report?

Continuous variable Alpha/String variable Categorical variable

Search for variable(s) When you have finished selecting variables from the tree, click Continue

Frequently used/Derived variables

- Institutions
- Total cost of attendance
- Student financial aid of full-time first-time degree or certificate-seeking undergraduate students
- Average net price for full-time, first-time degree/certificate-seeking undergraduate students, 2006-07 to current year
- Selectivity and admissions yield
- Fall enrollment/retention rates
 - Total, full- and part-time enrollment and fall FTE
 - Step 1: Select Year(s)
 - Fall 2015 Fall 2014 Fall 2013 Fall 2012 Fall 2011 Fall 2010 Fall 2009 Fall 2008
 - Fall 2007 Fall 2006 Fall 2005 Fall 2004 Fall 2003
 - Select from the List of Variables
 - Total enrollment Full-time equivalent enrollment (Fall enrollment derivation) Full-time enrollment Part-time enrollment Institution size category Undergraduate and graduate enrollment by full- and part-time status
 - Percent of total enrollment by race/ethnicity
 - Percent of undergraduate and graduate enrollment by race/ethnicity
 - Step 1: Select Year(s)
 - Fall 2015 Fall 2014 Fall 2013 Fall 2012 Fall 2011 Fall 2010 Fall 2009
 - Select from the List of Variables
 - Percent of undergraduate enrollment that are American Indian or Alaska Native

	A	B	C	D	E	F
	UnitID	Institution Name	Total enrollment (DRVEF2015)	Percent of total enrollment that are Nonresident Alien (DRVEF2015)	Percent of undergraduate enrollment that are Nonresident Alien (DRVEF2015)	Percent of graduate enrollment that are Nonresident Alien (DRVEF2015)
1	104151	Arizona State University-Tempe	51984	17	13	35
2	217882	Clemson University	22698	7	1	30
3	190576	CUNY Graduate School and University Center	6954	13	2	17
4	232186	George Mason University	33929	7	5	12
5	139755	Georgia Institute of Technology-Main Campus	25034	22	11	39
6	139940	Georgia State University	32058	5	2	16
7	151351	Indiana University-Bloomington	48514	13	10	26
8	214777	Pennsylvania State University-Main Campus	47307	15	11	41
9	196060	SUNY at Albany	17178	9	6	18
10	229115	Texas Tech University	35859	8	5	25
11	228769	The University of Texas at Arlington	41988	12	4	33
12	228778	The University of Texas at Austin	50950	10	5	26
13	228787	The University of Texas at Dallas	24554	24	3	59
14	106397	University of Arkansas	26754	6	4	16
15	110635	University of California-Berkeley	38189	17	14	24
16	110671	University of California-Riverside	21385	8	4	33
17	110705	University of California-Santa Barbara	23497	9	7	24
18	110714	University of California-Santa Cruz	17868	5	4	23
19	126614	University of Colorado Boulder	33056	8	6	19
20	130943	University of Delaware	22852	9	4	36
21	225511	University of Houston	42704	10	5	31
22	166629	University of Massachusetts-Amherst	29269	9	4	24
23	181464	University of Nebraska-Lincoln	25260	10	8	19
24	227216	University of North Texas	37299	7	4	19
25	207500	University of Oklahoma-Norman Campus	27428	7	5	14
26	209551	University of Oregon	24032	14	14	12
27	240453	University of Wisconsin-Milwaukee	26726	6	4	15



Percent International Students - IU Bloomington Compared to Similar Institutions (Public, R1, Research Doc/Comp/NoMedVet)

Format
as
Desired

Institution Name	Total Enrollment		Percent International Enrollment					
	N	(Rank)	Total		Undergraduate		Graduate	
			N	(Rank)	N	(Rank)	N	(Rank)
The University of Texas at Dallas	24,554	(19)	24	(1)	3	(24)	59	(1)
Georgia Institute of Technology-Main Campus	25,034	(18)	22	(2)	11	(4)	39	(3)
University of California-Berkeley	38,189	(7)	17	(3)	14	(1)	24	(13)
Arizona State University-Tempe	51,984	(1)	17	(3)	13	(3)	35	(5)
Pennsylvania State University-Main Campus	47,307	(4)	15	(5)	11	(4)	41	(2)
University of Oregon	24,032	(20)	14	(6)	14	(1)	12	(26)
Indiana University-Bloomington	48,514	(3)	13	(7)	10	(6)	26	(10)
CUNY Graduate School and University Center	6,954	(27)	13	(7)	2	(25)	17	(21)
The University of Texas at Arlington	41,988	(6)	12	(9)	4	(16)	33	(6)
University of Nebraska-Lincoln	25,260	(17)	10	(10)	8	(7)	19	(17)
The University of Texas at Austin	50,950	(2)	10	(10)	5	(11)	26	(10)
University of Houston	42,704	(5)	10	(10)	5	(11)	31	(8)
University of California-Santa Barbara	23,497	(21)	9	(13)	7	(8)	24	(13)
SUNY at Albany	17,178	(26)	9	(13)	6	(9)	18	(20)
University of Delaware	22,852	(22)	9	(13)	4	(16)	36	(4)
University of Massachusetts-Amherst	29,269	(13)	9	(13)	4	(16)	24	(13)
University of Colorado Boulder	33,056	(11)	8	(17)	6	(9)	19	(17)
Texas Tech University	35,859	(9)	8	(17)	5	(11)	25	(12)
University of California-Riverside	21,385	(24)	8	(17)	4	(16)	33	(6)
George Mason University	33,929	(10)	7	(20)	5	(11)	12	(26)
University of Oklahoma-Norman Campus	27,428	(14)	7	(20)	5	(11)	14	(25)
University of North Texas	37,299	(8)	7	(20)	4	(16)	19	(17)
Clemson University	22,698	(23)	7	(20)	1	(27)	30	(9)
University of Arkansas	26,754	(15)	6	(24)	4	(16)	16	(22)
University of Wisconsin-Milwaukee	26,726	(16)	6	(24)	4	(16)	15	(24)
University of California-Santa Cruz	17,868	(25)	5	(26)	4	(16)	23	(16)
Georgia State University	32,058	(12)	5	(26)	2	(25)	16	(22)



THANK YOU



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