

2013-14 CSRDE STEM Retention Report

The Retention and Graduation Rates of 2003-12
Baccalaureate Degree-seeking Freshman Cohorts
Entering in Science, Technology, Engineering and
Mathematics Majors in 175 Colleges and Universities

August 2014

Consortium for Student Retention Data Exchange

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Introduction

This report is presented as a reference guide for benchmarking retention and graduation rates of the science, technology, engineering and mathematics (STEM) majors. The data included in the report were collected from a comprehensive array of colleges and universities. The characteristics of these institutions range from large to small, highly selective to liberal in admission requirements and doctoral to baccalaureate in degree programs.

The following are guidelines for editing data collected from 177 colleges and universities:

1. As a general rule, if an institution did not report the retention and graduation rates prior to 2008, the data for that institution were excluded from the aggregates in this report. Data from 175 of the 177 institutions were included in the aggregates of this report. These schools are noted in our list on page 4 of members who participated in the STEM survey. Although these institutions have not been included in the aggregates, we have listed them in Appendix 2 and 3, noting that they have partial data available. Appendix 4 provides details about the data available from these institutions.
2. For a more detailed documentation on each institution's data, refer to Appendix 4. In general, missing data elements were noted in Appendix 4. However, missing data for subgroups with five or fewer students were omitted from the documentation.
3. Beginning with the 2008 cohort, two new Race/Ethnic categories came into use: Hawaiian and Multiple Race/Ethnicity (Multi). Historically, students who self-identified as being of Hawaiian decent had been placed in the Asian category; those of multi-ethnic heritages may have been classified as unknown.

In order to address the challenge of reporting on cohorts whose race/ethnicity definitions changed during the 2003-2012 cohort years, the editor has chosen to continue the historical convention for reporting by combining the Hawaiian cohorts within the Asian cohorts and the multi-ethnic cohorts within the unknown or other category for this report. These data remain separate, however, within the CSRDE peer database.

4. For purposes of comparison, Summary Tables 1 and 2 of this report look at all of the first-time, full-time freshman cohorts from the participating institutions. Summary Tables 3-6 address a sub-set of the freshman cohort, those students who entered with the intent to be STEM majors. In this section of the report *Institution-wide Continuation and Graduation Rates* refers to the continuation and graduation rates of the first-time freshman students who begin and remain as a STEM major, and ALSO those who begin as a STEM major and switch to a non-STEM major at the same institution at some point during their college career. *Discipline-specific Continuation and Graduation Rates* refers to ONLY the continuation and graduation rates of the first-time freshman students who begin as a STEM major and continue or graduate with a STEM major in their institution of origin.

Sandra Whalen, Editor
August 2014

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STEM Summary Table 1
Six-year Institution-wide Graduation Rates
2007 First-time Freshman All Majors

<i>Institutional and Student Characteristics</i>	Six-year Graduation Rates				
	<i>Highly Selective</i>	<i>Selective</i>	<i>Moderately Selective</i>	<i>Less Selective</i>	<i>All Institutions</i>
Total	71.4%	55.1%	47.0%	42.8%	60.6%
Gender					
Male	68.2%	51.2%	42.8%	37.8%	57.5%
Female	74.4%	58.5%	50.2%	46.2%	63.2%
Race					
Underrepresented Minorities (URM)	62.9%	44.6%	36.8%	36.1%	47.6%
Black	60.6%	43.6%	30.5%	32.3%	43.3%
Hispanic	65.3%	47.4%	45.5%	39.6%	52.0%
American Indian	59.8%	35.3%	33.3%	34.3%	48.2%
Other Races	73.0%	57.4%	50.3%	48.4%	64.2%
Asian	76.4%	56.3%	53.5%	45.1%	66.8%
White	72.7%	57.6%	49.9%	49.0%	64.0%
Nonresident Alien	66.6%	55.2%	45.7%	45.4%	58.6%
% Part-time Undergraduates					
Below 10%	75.3%	61.9%	56.1%	48.4%	70.7%
10 - 20%	66.5%	55.0%	49.4%	43.8%	55.7%
Above 20%	58.9%	46.9%	36.9%	34.4%	45.4%
Institution Size					
18,000 or more	72.3%	53.8%	48.9%	41.0%	64.7%
5,000 - 17,999	66.0%	56.7%	45.5%	45.2%	52.5%
Fewer than 5,000	61.7%	56.9%	42.1%	35.1%	45.1%

STEM Summary Table 2
Institution-wide Continuation Rates to the Second Year
2012 First-time Freshman All Majors

<i>Institutional and Student Characteristics</i>	First-year Retention Rates				
	<i>Highly Selective</i>	<i>Selective</i>	<i>Moderately Selective</i>	<i>Less Selective</i>	<i>All Institutions</i>
Total	88.0%	78.6%	75.5%	75.5%	82.6%
Gender					
Male	87.1%	77.0%	73.9%	72.7%	81.5%
Female	88.9%	80.0%	76.9%	77.4%	83.5%
Race					
Underrepresented Minorities (URM)	85.3%	75.8%	72.4%	74.9%	78.3%
Black	84.1%	75.5%	62.9%	69.0%	73.8%
Hispanic	86.1%	76.7%	80.2%	78.3%	81.5%
American Indian	79.2%	69.7%	69.8%	69.5%	74.1%
Other Races	88.7%	79.5%	77.2%	76.5%	84.2%
Asian	92.8%	84.8%	88.8%	84.0%	90.2%
White	88.1%	79.1%	75.0%	74.9%	83.3%
Nonresident Alien	88.0%	82.0%	80.3%	78.4%	85.6%
% Part-time Undergraduates					
Below 10%	89.3%	80.1%	81.8%	72.8%	86.5%
10 - 20%	85.8%	78.1%	77.1%	78.9%	80.7%
Above 20%	85.1%	77.6%	69.0%	71.4%	76.4%
Institution Size					
18,000 or more	88.6%	78.8%	78.6%	80.2%	85.4%
5,000 - 17,999	84.5%	78.6%	73.1%	73.8%	77.0%
Fewer than 5,000	77.8%	75.8%	70.3%	67.7%	71.4%

Highly selective-ACT above 24.0 or SAT above 1100
 Selective-ACT 22.5-24 or SAT 1045-1100

Moderately selective-ACT 21.0-22.4 or SAT 990-1044
 Less selective-ACT below 21.0 or SAT below 990

STEM Summary Table 3

**Six-year Institution-wide Graduation Rates
2007 First-time Freshman STEM Majors**

<i>Institutional and Student Characteristics</i>	Six-year Graduation Rates				
	<i>Highly Selective</i>	<i>Selective</i>	<i>Moderately Selective</i>	<i>Less Selective</i>	<i>All Institutions</i>
Total	72.0%	55.6%	46.5%	39.2%	63.9%
Gender					
Male	69.5%	53.5%	43.6%	36.8%	61.5%
Female	76.0%	59.0%	51.3%	42.4%	67.7%
Race					
Underrepresented Minorities (URM)	62.6%	43.4%	33.0%	33.2%	49.5%
Black	60.2%	43.4%	30.2%	34.0%	46.5%
Hispanic	64.4%	44.3%	36.5%	32.0%	52.0%
American Indian	62.1%	36.9%	26.5%	40.9%	52.3%
Other Races	73.7%	58.6%	50.3%	45.1%	67.4%
Asian	77.3%	55.9%	50.2%	43.6%	70.5%
White	73.1%	58.9%	50.8%	45.5%	67.1%
Nonresident Alien	68.6%	57.8%	41.6%	45.3%	61.5%
% Part-time Undergraduates					
Below 10%	75.4%	61.1%	55.1%	45.5%	72.4%
10 - 20%	66.5%	55.3%	47.2%	38.7%	56.0%
Above 20%	58.0%	46.4%	39.7%	33.1%	48.2%
Institution Size					
18,000 or more	73.2%	54.0%	45.1%	36.2%	67.4%
5,000 - 17,999	65.0%	57.8%	48.1%	42.2%	55.5%
Fewer than 5,000	60.0%	54.9%	43.0%	36.5%	45.1%

STEM Summary Table 4

**Institution-wide Continuation Rates to the Second Year
2012 First-time Freshman STEM Majors**

<i>Institutional and Student Characteristics</i>	First-year Retention Rates				
	<i>Highly Selective</i>	<i>Selective</i>	<i>Moderately Selective</i>	<i>Less Selective</i>	<i>All Institutions</i>
Total	89.1%	80.5%	77.6%	76.5%	85.3%
Gender					
Male	88.2%	79.6%	76.8%	75.3%	84.3%
Female	90.6%	82.0%	78.8%	78.0%	86.6%
Race					
Underrepresented Minorities (URM)	85.9%	76.8%	74.1%	75.3%	80.3%
Black	84.7%	75.2%	64.8%	69.1%	75.8%
Hispanic	86.8%	79.7%	80.6%	79.2%	83.2%
American Indian	80.2%	61.2%	72.4%	78.9%	75.2%
Other Races	90.1%	81.4%	79.3%	78.5%	87.0%
Asian	93.7%	86.0%	88.7%	84.9%	91.7%
White	89.5%	80.7%	76.9%	75.7%	86.0%
Nonresident Alien	88.8%	87.8%	81.4%	81.6%	87.3%
% Part-time Undergraduates					
Below 10%	90.4%	80.6%	82.3%	72.5%	88.5%
10 - 20%	87.3%	80.5%	78.7%	80.0%	82.7%
Above 20%	84.8%	80.5%	72.7%	73.0%	79.4%
Institution Size					
18,000 or more	89.8%	81.1%	80.1%	81.5%	87.6%
5,000 - 17,999	85.3%	80.1%	75.5%	73.8%	79.5%
Fewer than 5,000	78.1%	75.8%	71.3%	70.4%	72.6%

Highly selective-ACT above 24.0 or SAT above 1100
Selective-ACT 22.5-24 or SAT 1045-1100

Moderately selective-ACT 21.0-22.4 or SAT 990-1044
Less selective-ACT below 21.0 or SAT below 990

STEM Summary Table 5

**Six-year Discipline-specific Graduation Rates
2007 First-time Freshman STEM Majors**

<i>Institutional and Student Characteristics</i>	Six-year Graduation Rates				
	<i>Highly Selective</i>	<i>Selective</i>	<i>Moderately Selective</i>	<i>Less Selective</i>	<i>All Institutions</i>
Total	53.2%	37.8%	27.7%	23.3%	45.5%
Gender					
Male	55.3%	38.8%	28.4%	23.8%	47.2%
Female	49.9%	36.4%	26.7%	23.0%	42.9%
Race					
Underrepresented Minorities (URM)	40.6%	23.3%	13.9%	19.3%	29.9%
Black	35.7%	20.7%	11.5%	22.7%	26.4%
Hispanic	44.0%	26.6%	16.5%	15.6%	32.8%
American Indian	41.6%	21.8%	13.2%	20.9%	33.5%
Other Races	55.3%	40.9%	31.6%	27.2%	49.1%
Asian	60.2%	40.7%	29.5%	24.9%	53.1%
White	54.1%	40.7%	32.5%	27.2%	48.3%
Nonresident Alien	59.1%	48.5%	23.8%	34.0%	50.7%
% Part-time Undergraduates					
Below 10%	56.0%	42.4%	34.3%	31.0%	53.2%
10 - 20%	48.8%	38.5%	27.8%	21.4%	38.2%
Above 20%	40.6%	27.0%	23.8%	18.8%	31.2%
Institution Size					
18,000 or more	53.7%	35.0%	25.3%	19.7%	48.1%
5,000 - 17,999	50.3%	41.4%	29.9%	25.7%	39.2%
Fewer than 5,000	46.6%	36.9%	30.3%	25.1%	31.8%

STEM Summary Table 6

**Discipline-specific Continuation Rates to the Second Year
2012 First-time Freshman STEM Majors**

<i>Institutional and Student Characteristics</i>	First-year Retention Rates				
	<i>Highly Selective</i>	<i>Selective</i>	<i>Moderately Selective</i>	<i>Less Selective</i>	<i>All Institutions</i>
Total	77.0%	66.7%	63.9%	64.6%	72.7%
Gender					
Male	78.9%	68.4%	66.0%	65.2%	74.6%
Female	74.1%	63.9%	60.6%	63.9%	69.9%
Race					
Underrepresented Minorities (URM)	70.4%	61.5%	58.3%	63.6%	65.7%
Black	66.3%	57.2%	48.7%	59.9%	60.3%
Hispanic	72.6%	66.8%	65.1%	65.9%	69.2%
American Indian	65.2%	54.4%	53.6%	66.7%	61.9%
Other Races	78.3%	67.5%	66.3%	66.5%	74.7%
Asian	85.0%	76.9%	78.1%	71.2%	82.3%
White	76.6%	66.0%	62.8%	63.7%	72.8%
Nonresident Alien	83.0%	81.5%	75.0%	75.7%	81.4%
% Part-time Undergraduates					
Below 10%	78.3%	65.8%	67.7%	62.5%	76.2%
10 - 20%	74.7%	68.0%	64.6%	67.6%	69.9%
Above 20%	72.2%	64.0%	60.1%	60.4%	66.2%
Institution Size					
18,000 or more	77.3%	66.8%	66.2%	68.9%	74.8%
5,000 - 17,999	74.8%	66.7%	61.6%	61.8%	67.2%
Fewer than 5,000	68.2%	63.2%	61.7%	61.0%	62.6%

Highly selective-ACT above 24.0 or SAT above 1100
Selective-ACT 22.5-24 or SAT 1045-1100

Moderately selective-ACT 21.0-22.4 or SAT 990-1044
Less selective-ACT below 21.0 or SAT below 990

2013-14 CSRDE STEM Retention Survey Participants by State

<p><u>Alabama</u></p> <p>Auburn U-Montgomery U of Alabama U of Alabama-Birmingham U of Alabama-Huntsville</p> <p><u>Arizona</u></p> <p>Embry-Riddle Aeronautical U-Prescott Northern Arizona U</p> <p><u>Arkansas</u></p> <p>Arkansas State U Southern Arkansas U U of Arkansas-Little Rock U of Arkansas-Main Campus</p> <p><u>California</u></p> <p>California Maritime Academy Cal. Polytech State U-San Luis Obispo California State Polytechnic U-Pomona California State U System California State U-Bakersfield California State U-Channel Islands California State U-Chico California State U-Dominguez Hills California State U-East Bay California State U-Fresno California State U-Fullerton California State U-Long Beach California State U-Los Angeles California State U-Monterey Bay California State U-Northridge California State U-Sacramento California State U-San Bernardino California State U-San Marcos California State U-Stanislaus Fresno Pacific U Humboldt State U San Diego State U San Francisco State U San Jose State U Sonoma State U U of California-Davis U of California-Irvine U of San Francisco</p>	<p><u>Colorado</u></p> <p>Colorado School of Mines Colorado State U Metropolitan State U Denver U of Colorado Boulder U of Colorado Denver</p> <p><u>Connecticut</u></p> <p>Central Connecticut State U Southern Connecticut State U U of Connecticut</p> <p><u>Delaware</u></p> <p>U of Delaware</p> <p><u>Florida</u></p> <p>Embry-Riddle Aero. U-Daytona Beach Florida Institute of Technology Florida State U Stetson U U of Central Florida U of Tampa</p> <p><u>Georgia</u></p> <p>Albany State U Armstrong Atlantic State U Clayton State U Columbus State U Dalton State College Fort Valley State U Georgia College and State U Georgia Gwinnett College Georgia Institute of Technology Georgia Southern U Georgia Southwestern State U Georgia State U Kennesaw State U Savannah State U Southern Polytechnic State U U of Georgia U of West Georgia U System of Georgia Valdosta State U</p> <p><u>Hawaii</u></p> <p>Chaminade U of Honolulu</p>	<p><u>Idaho</u></p> <p>U of Idaho</p> <p><u>Illinois</u></p> <p>Chicago State U DePaul U Northern Illinois U Southern Illinois U-Carbondale U of Illinois-Urbana/Champaign U of St. Francis</p> <p><u>Indiana</u></p> <p>Indiana U-Purdue U-Fort Wayne U of Southern Indiana</p> <p><u>Iowa</u></p> <p>U of Northern Iowa</p> <p><u>Kansas</u></p> <p>Kansas State U Wichita State U</p> <p><u>Louisiana</u></p> <p>Louisiana State U U of Louisiana-Lafayette</p> <p><u>Maine</u></p> <p>U of Maine < U of Southern Maine</p> <p><u>Massachusetts</u></p> <p>U of Massachusetts-Amherst U of Massachusetts-Dartmouth Worcester Polytechnic Institute</p> <p><u>Michigan</u></p> <p>Central Michigan U Grand Valley State U Michigan Technological U Oakland U Wayne State U Western Michigan U</p> <p><u>Minnesota</u></p> <p>U of Minnesota-Duluth U of Minnesota-Twin Cities U of Saint Thomas</p>
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< Data not in aggregates. See documentation before making comparisons.

* Data not included in this report.

2013-14 CSRDE STEM Retention Survey Participants by State

<p><u>Mississippi</u> Mississippi State U</p> <p><u>Missouri</u> Lincoln U-Jefferson City Missouri Southern State U Southeast Missouri State U U of Missouri-Columbia U of Missouri-Saint Louis</p> <p><u>Montana</u> Montana State U-Bozeman U of Montana</p> <p><u>New Hampshire</u> U of New Hampshire</p> <p><u>New Jersey</u> Monmouth U Ramapo College of New Jersey William Paterson U</p> <p><u>New York</u> Nazareth College of Rochester Pace U St. John Fisher College St. John's U Stony Brook U SUNY College-Old Westbury</p> <p><u>North Carolina</u> North Carolina A&T State U North Carolina State U U of North Carolina-Pembroke</p> <p><u>Ohio</u> Cleveland State U Miami U-Oxford Ohio State U Wright State U</p> <p><u>Oklahoma</u> Oklahoma State U U of Central Oklahoma U of Oklahoma U of Science & Arts of Oklahoma</p>	<p><u>Oregon</u> Portland State U U of Oregon</p> <p><u>Pennsylvania</u> Bloomsburg U of Pennsylvania California U of Pennsylvania Cheyney U of Pennsylvania Clarion U of Pennsylvania East Stroudsburg U of Pennsylvania Edinboro U of Pennsylvania Gannon U Indiana U of Pennsylvania Kutztown U of Pennsylvania Lock Haven U of Pennsylvania Mansfield U of Pennsylvania Millersville U of Pennsylvania Shippensburg U of Pennsylvania Slippery Rock U of Pennsylvania Temple U West Chester U of Pennsylvania Wilkes U</p> <p><u>Rhode Island</u> U of Rhode Island</p> <p><u>South Carolina</u> Clemson U College of Charleston U of South Carolina-Columbia</p> <p><u>Tennessee</u> East Tennessee State U Middle Tennessee State U Tennessee Technological U U of Memphis U of Tennessee-Knoxville U of Tennessee-Martin</p> <p><u>Texas</u> Baylor U Houston Baptist U Texas A&M International U Texas A&M U</p>	<p><u>Texas</u> (continued) Texas Tech U Texas Woman's U U of Houston U of Texas-Austin U of Texas-Dallas U of Texas-Pan American</p> <p><u>Utah</u> U of Utah</p> <p><u>Virginia</u> George Mason U Virginia Commonwealth U Virginia Polytechnic Institute</p> <p><u>Washington</u> Eastern Washington U Evergreen State College</p> <p><u>West Virginia</u> West Virginia U</p> <p><u>Wisconsin</u> Alverno College</p> <p><u>Virgin Islands</u> U of the Virgin Islands</p> <p><u>CANADA</u> <u>Ontario</u> < Nipissing U</p>
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< Data not in aggregates. See documentation before making comparisons.

* Data not included in this report.

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Continuation Rates and Institutional Characteristics

2012 First-time Freshman Cohort in 177 CSRDE Participating Institutions

Public Institutions

(1) Size	Institutions	% Part-time Undergrad	2012 Cohort-All Majors				2012 Subcohort-STEM Majors						% Continued to 2nd Year				
			Head Count	(2) % URM	ACT	SAT	Head Count	(2) % URM	% Cohort by Discipline			ACT	SAT	All Majors	STEM Majors		
									AgrSci	Eng&T	Other				Institution	Discipline	
	<u>Doctoral/Research Extensive (DRE)</u>																
L	Clemson U (SC)	5%	3,435	9%		1246	1,968	9%	6%	32%	19%		1266	92%	92%	71%	
L	Colorado State U	10%	4,449	13%	24.8		1,420	11%	2%	13%	17%	26.3		87%	89%	75%	
L	Florida State U	11%	5,749	25%		1202	1,349	27%	0%	8%	16%		1236	92%	90%	60%	
L	~ Georgia Institute of Technology	9%	3,039	12%		1395	2,126	12%	0%	62%	8%		1356	96%	95%	91%	
L	~ Georgia State U	25%	3,157	48%		1075	619	47%	0%	4%	15%		1101	82%	85%	71%	
L	Kansas State U	10%	3,786	12%	24.4		1,349	11%	6%	18%	12%	25.6		81%	81%	68%	
L	Louisiana State U	8%	5,717	19%	25.3		2,440	18%	5%	20%	18%	26.2		83%	83%	55%	
L	Mississippi State U	8%	2,887	28%	23.6		1,349	22%	7%	21%	19%	25.2		79%	82%	67%	
L	North Carolina State U	12%	4,218	12%		1218	2,348	10%	3%	36%	17%		1253	93%	94%	91%	
L	Northern Illinois U	12%	2,630	42%	22.0		542	36%	0%	14%	7%	23.0		66%	66%	56%	
L	Ohio State U	10%	7,204	8%	28.1		3,268	8%	2%	25%	18%	28.8		92%	93%	81%	
L	Oklahoma State U	13%	4,160	15%	24.8		1,346	13%	6%	18%	8%	26.5		79%	81%	72%	
L	Southern Illinois U-Carbondale	12%	2,243	46%	21.1		506	29%	3%	5%	14%	23.0		61%	71%	62%	
L	Stony Brook U (NY)	8%	2,674	15%		1227	1,360	13%	0%	15%	36%			90%	91%	82%	
L	Temple U (PA)	11%	4,109	15%		1110	843	18%	0%	7%	13%		1115	89%	89%	71%	
L	Texas A&M U	10%	7,174	27%	26.3	1187	3,956	28%	5%	22%	28%	27.0	1216	91%	91%	71%	
L	Texas Tech U	10%	4,494	26%		1118	1,169	27%	2%	15%	8%		1170	82%	84%	69%	
L	U of Alabama	9%	6,338	13%	25.6		1,516	13%	0%	15%	9%	28.3		87%	90%	74%	
M	U of Alabama-Birmingham	27%	1,653	26%	24.5		620	24%	0%	11%	27%	26.0		80%	83%	63%	
L	U of Arkansas-Main Campus	13%	4,550	12%	25.8		1,225	13%	2%	17%	8%	27.1		82%	85%	69%	
L	U of California-Davis	1%	5,207	20%		1191	3,388	19%	7%	20%	38%		1203	93%	93%	90%	
L	U of California-Irvine	2%	5,065	27%		1142	2,103	26%	0%	15%	27%		1167	92%	92%	81%	
L	U of Colorado Boulder	9%	5,429	12%	26.2	1177	1,780	12%	0%	13%	20%	27.6	1240	85%	87%	81%	
L	U of Connecticut	5%	3,083	15%		1233	1,067	14%	2%	15%	18%			94%	95%	85%	
L	U of Delaware	5%	3,806	12%		1209	1,066	11%	1%	15%	12%		1263	92%	95%	85%	
L	~ U of Georgia	6%	4,922	12%		1235	1,737	15%	3%	5%	27%		1228	94%	93%	65%	
L	U of Houston (TX)	28%	3,350	41%		1136	1,400	39%	0%	25%	17%		1163	85%	85%	76%	
M	U of Idaho	18%	1,580	12%	23.3		667	10%	5%	21%	16%	24.5		79%	81%	66%	
L	U of Illinois-Urbana/Champaign	4%	6,914	15%	28.4	1346	2,835	9%	3%	21%	17%	30.2		93%	93%	87%	
M	U of Maine	14%	1,919	6%		1088	869	4%	5%	23%	17%		1146	81%	85%	73%	

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Public Institutions

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									AgrSci	Eng&T	Other				Institution	Discipline
	<u>DRE (continued)</u>															
L	U of Massachusetts-Amherst	7%	4,585	8%		1197	1,732	8%	5%	11%	22%		1229	89%	91%	81%
L	U of Memphis (TN)	28%	2,180	40%	22.9		172	25%	0%	1%	7%	25.6		77%	80%	61%
L	U of Minnesota-Twin Cities	16%	5,501	6%	27.7		1,682	4%	3%	18%	10%	29.8		90%	93%	89%
L	U of Missouri-Columbia	7%	6,378	14%	25.7		1,820	15%	3%	13%	13%	27.0		84%	82%	67%
M	U of New Hampshire	4%	2,836	4%		1092	849	5%	0%	11%	19%		1143	86%	86%	76%
L	U of Oklahoma	12%	4,063	17%	25.9		1,345	16%	0%	20%	13%	27.4		84%	86%	67%
L	U of Oregon	10%	3,943	12%		1112	714	15%	0%	2%	16%		1143	87%	86%	71%
M	U of Rhode Island	11%	2,980	14%		1051	689	11%	2%	7%	14%		1098	81%	83%	66%
L	U of South Carolina-Columbia	7%	4,580	11%		1199	1,259	12%	0%	27%	0%		1219	88%	87%	70%
L	U of Tennessee-Knoxville	6%	4,197	12%	26.7		789	9%	4%	14%	0%	28.3		86%	88%	76%
L	U of Texas-Austin	7%	8,034	28%		1250	2,976	23%	0%	15%	22%		1302	94%	95%	84%
L	U of Utah	29%	3,079	12%	24.8		709	8%	0%	16%	7%	26.8		88%	71%	63%
L	Virginia Commonwealth U	16%	3,598	24%		1111	774	21%	0%	6%	15%		1159	87%	91%	80%
L	Virginia Polytechnic Institute	2%	5,413	8%		1213	2,423	7%	4%	24%	17%		1246	91%	91%	84%
L	Wayne State U (MI)	36%	2,173	23%	22.4		335	17%	0%	10%	5%	24.0		77%	81%	63%
L	West Virginia U	7%	5,106	9%		1045	1,797	7%	3%	19%	13%	24.9	1102	77%	81%	66%
L	Western Michigan U	16%	2,989	21%	21.9		600	15%	0%	13%	7%	23.9		74%	75%	61%
	<u>Doctoral/Research Intensive (DRI)</u>															
L	Central Michigan U	13%	3,344	11%	22.5		295	13%	0%	3%	6%	23.4		77%	73%	68%
M	Cleveland State U (OH)	29%	1,531	25%	21.8		226	16%	0%	10%	5%	24.7		67%	75%	65%
M	East Tennessee State U	17%	2,038	11%	22.2		212	8%	0%	2%	8%	23.6		66%	63%	44%
L	George Mason U (VA)	21%	2,681	20%		1156	689	17%	0%	14%	12%		1187	87%	87%	78%
L	~ Georgia Southern U	7%	3,575	28%		1086	853	36%	0%	9%	15%		1099	80%	76%	57%
M	Indiana U of Pennsylvania	7%	2,923	17%	20.1	976	405	13%	0%	4%	10%	21.2	1023	73%	72%	62%
M	Miami U-Oxford (OH)	3%	3,723	7%	26.5		835	9%	0%	10%	13%	27.4		90%	88%	73%
M	Michigan Technological U	8%	1,151	4%	26.3		1,037	4%	0%	77%	13%	26.5		82%	83%	80%
L	Middle Tennessee State U	18%	3,068	31%	21.5		747	33%	2%	6%	16%	22.1		69%	69%	44%
M	Montana State U-Bozeman	17%	2,161	5%	25.2		959	5%	8%	28%	9%	26.2		76%	80%	71%

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									AgrSci	Eng&T	Other				Institution	Discipline	
	<u>DRI (continued)</u>																
L	Northern Arizona U	16%	4,092	27%	23.0	1057	1,111	28%	2%	9%	16%	23.4	1089	72%	73%	58%	
L	Oakland U (MI)	26%	2,361	15%	23.3		501	12%	0%	8%	13%	24.9		78%	83%	65%	
L	Portland State U (OR)	37%	1,290	17%		1030	323	15%	0%	6%	19%		1062	73%	75%	63%	
L	San Diego State U (CA)	12%	3,829	33%		1102	982	34%	0%	12%	13%		1124	88%	88%	74%	
M	Texas Woman's U	30%	1,175	59%	18.0	936	142	60%	0%	1%	11%	18.0	953	72%	80%	59%	
M	U of Alabama-Huntsville	24%	615	20%	25.6		360	15%	0%	59%	0%	27.1		81%	86%	79%	
M	U of Arkansas-Little Rock	44%	805	29%	22.2		308	26%	0%	20%	18%	23.7		70%	75%	66%	
L	U of Central Florida	28%	5,905	29%		1183	2,345	30%	0%	40%	0%		1201	87%	88%	70%	
L	U of Colorado Denver	41%	962	27%	23.1		239	26%	0%	14%	11%	23.9		75%	79%	68%	
M	U of Louisiana-Lafayette	17%	2,704	28%	23.0		861	25%	0%	18%	14%	23.8		74%	75%	57%	
M	U of Missouri-Saint Louis	34%	533	21%	24.1		142	23%	0%	8%	18%	24.6		75%	74%	65%	
M	U of Montana	20%	1,333	7%	23.7	1088	226	9%	0%	2%	15%	25.4		73%	74%	62%	
L	U of Texas-Dallas	21%	1,522	18%		1271	997	16%	0%	20%	46%		1285	88%	89%	78%	
M	Wichita State U (KS)	29%	1,219	18%	23.5		297	14%	0%	19%	5%	24.5		75%	80%	68%	
M	Wright State U (OH)	21%	2,327	21%	21.5		711	16%	0%	19%	12%	23.4		62%	73%	65%	
	<u>Master's</u>																
S	~ Albany State U (GA)	14%	495	87%		889	188	88%	0%	10%	28%		858	70%	70%	60%	
M	Arkansas State U	23%	1,633	18%	22.9		284	12%	3%	6%	9%	25.1		73%	80%	55%	
M	~ Armstrong Atlantic State U (GA)	25%	968	29%		1014	170	33%	0%	5%	13%		1042	67%	68%	54%	
S	Auburn U-Montgomery (AL)	31%	579	35%	21.8		132	30%	0%	0%	23%	22.6		63%	56%	54%	
M	Bloomsburg U of Pennsylvania	6%	1,910	16%	21.5	992	160	8%	0%	4%	5%	26.6	1084	81%	80%	53%	
L	California Polytech State U-San Luis Obispo	4%	3,620	14%		1233	2,009	14%	7%	36%	12%		1261	93%	92%	91%	
L	California State Polytechnic U-Pomona	13%	3,021	43%		1072	1,259	38%	4%	27%	10%		1140	90%	94%	89%	
M	California State U-Bakersfield	13%	1,294	65%		915	275	63%	0%	6%	16%		958	74%	69%	52%	
M	California State U-Chico	8%	2,659	30%		1020	613	31%	3%	12%	8%		1044	87%	88%	73%	
M	California State U-Dominguez Hills	32%	1,133	84%		853	210	83%	0%	5%	14%		885	79%	79%	64%	

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									AgrSci	Eng&T	Other				Institution	Discipline
	<u>Master's (continued)</u>															
M	California State U-East Bay	13%	1,549	54%		919	306	52%	0%	6%	14%		945	78%	78%	72%
L	California State U-Fresno	13%	3,036	54%		931	851	48%	5%	10%	13%		980	83%	84%	67%
L	California State U-Fullerton	19%	4,419	44%		1028	1,055	41%	0%	11%	13%		1041	89%	89%	74%
L	California State U-Long Beach	16%	4,145	49%		1017	1,164	45%	0%	13%	15%		1053	89%	88%	68%
L	California State U-Los Angeles	17%	2,765	74%		885	671	66%	0%	12%	13%		929	82%	84%	80%
L	California State U-Northridge	18%	4,088	60%		926	803	53%	0%	10%	9%		970	78%	81%	69%
L	California State U-Sacramento	19%	2,990	39%		958	782	38%	0%	13%	13%		992	83%	83%	69%
L	California State U-San Bernardino	11%	2,390	75%		905	586	77%	0%	6%	19%		941	89%	90%	76%
M	California State U-San Marcos	21%	1,633	48%		962	306	46%	0%	4%	15%		997	82%	82%	69%
M	California State U-Stanislaus	17%	1,082	56%		924	217	50%	1%	3%	16%		969	87%	89%	67%
M	California U of Pennsylvania	13%	624	13%	21.7	1032	134	12%	0%	7%	14%	22.3	1058	80%	81%	72%
M	Central Connecticut State U	22%	1,340	21%		1011	278	21%	0%	11%	10%		1031	77%	78%	69%
S	Cheyney U of Pennsylvania	5%	315	96%	15.1	774	17	100%	0%	1%	4%	12.0	809	54%	59%	47%
M	Chicago State U (IL)	35%	263	88%	18.8		43	88%	0%	5%	12%	20.4		54%	56%	51%
M	Clarion U of Pennsylvania	16%	939	8%	20.6	961	159	9%	0%	3%	14%	22.8	1024	76%	70%	60%
M	College of Charleston (SC)	7%	2,134	11%		1193	247	13%	0%	2%	10%		1224	82%	84%	71%
M	~ Columbus State U (GA)	27%	1,059	45%		987	228	55%	0%	6%	15%		983	67%	68%	57%
M	East Stroudsburg U of Pennsylvania	10%	1,227	20%	20.1	969	187	25%	0%	2%	13%	22.7	1037	71%	74%	64%
M	Eastern Washington U	16%	1,556	21%		980	81	11%	0%	5%	1%		1089	75%	77%	72%
M	Edinboro U of Pennsylvania	9%	953	8%	20.6	972	147	6%	0%	4%	12%	21.2	1010	72%	67%	52%
S	~ Fort Valley State U (GA)	9%	635	97%		853	346	98%	4%	18%	33%		848	59%	57%	50%
M	~ Georgia College and State U	7%	1,304	10%		1144	249	11%	0%	2%	17%		1148	85%	86%	67%
S	~ Georgia Southwestern State U	26%	374	36%		986	77	35%	0%	2%	18%		1028	65%	64%	49%
L	Grand Valley State U (MI)	12%	3,938	12%	23.8		978	12%	0%	6%	19%	24.8		82%	83%	63%
M	Humboldt State U (CA)	7%	1,199	42%		1012	496	36%	0%	3%	38%		1041	78%	79%	69%
M	Indiana U-Purdue U-Fort Wayne	40%	1,327	10%		1009	268	9%	0%	10%	10%		1098	67%	70%	52%
L	~ Kennesaw State U (GA)	25%	3,091	19%		1089	400	25%	0%	3%	10%		1112	76%	77%	62%
M	Kutztown U of Pennsylvania	5%	1,990	16%	19.8	961	220	18%	0%	2%	9%	22.0	1019	73%	74%	55%
S	Lincoln U-Jefferson City (MO)	36%	338	64%	17.6		55	53%	7%	5%	5%	18.4		53%	62%	47%
M	Lock Haven U of Pennsylvania	7%	1,099	14%	19.3	950	121	12%	0%	2%	9%	20.9	1029	70%	76%	58%

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									AgrSci	Eng&T	Other				Institution	Discipline	
	<u>Master's (continued)</u>																
S	Mansfield U of Pennsylvania	9%	456	9%	21.1	992	70	4%	0%	2%	13%	22.2	1037	72%	77%	67%	
M	Millersville U of Pennsylvania	10%	1,297	17%	21.3	1025	337	16%	0%	6%	20%		1060	81%	87%	77%	
M	Missouri Southern State U	25%	704	15%	21.4		109	11%	0%	3%	12%	23.9		66%	69%	60%	
M	North Carolina A&T State U	10%	1,809	90%		909	502	87%	4%	16%	8%		977	80%	78%	74%	
M	Ramapo College of New Jersey	10%	869	21%		1113	165	19%	0%	2%	17%		1159	88%	87%	79%	
L	San Francisco State U (CA)	15%	3,756	37%		999	777	36%	0%	6%	14%		1010	82%	83%	77%	
L	San Jose State U (CA)	19%	3,300	29%		1039	620	21%	0%	15%	4%		1122	88%	89%	85%	
S	~ Savannah State U (GA)	10%	1,025	88%		867	385	92%	0%	16%	22%		857	70%	79%	72%	
M	Shippensburg U of Pennsylvania	5%	1,480	16%	20.0	983	254	10%	0%	4%	13%	22.5	1075	71%	75%	68%	
M	Slippery Rock U of Pennsylvania	7%	1,543	9%	21.5	1010	273	8%	0%	6%	11%	22.0	1041	82%	79%	62%	
M	Sonoma State U (CA)	10%	1,729	30%		1010	249	31%	0%	3%	11%		1060	84%	85%	80%	
M	Southeast Missouri State U	22%	1,723	12%	22.9		296	12%	1%	7%	9%	24.0		73%	72%	58%	
S	Southern Arkansas U	16%	586	31%	21.3		94	20%	3%	2%	11%	23.2		64%	77%	54%	
M	Southern Connecticut State U	14%	1,360	27%		933	130	35%	0%	2%	8%		957	75%	77%	56%	
M	Tennessee Technological U	10%	2,046	7%	23.4		810	5%	4%	28%	8%	25.2		75%	74%	65%	
M	Texas A&M International U	39%	933	97%		914	220	95%	0%	7%	17%		957	74%	79%	62%	
M	U of Central Oklahoma	28%	2,092	22%	21.4		425	21%	0%	6%	14%	22.2		65%	67%	47%	
M	U of Massachusetts-Dartmouth	13%	1,543	20%		1045	392	12%	0%	17%	8%		1133	76%	81%	74%	
M	U of Minnesota-Duluth	11%	1,861	6%	23.7		693	5%	0%	17%	20%	24.9		75%	79%	68%	
M	U of North Carolina-Pembroke	19%	1,012	58%		928	215	63%	0%	3%	18%	20.0	940	68%	67%	54%	
M	U of Northern Iowa	9%	1,678	6%	23.1		226	5%	0%	2%	12%	24.4		83%	85%	66%	
M	U of Southern Indiana	17%	1,817	5%		1008	322	3%	0%	7%	10%		1075	69%	75%	53%	
M	< U of Southern Maine	39%	823	4%		1007	160	6%	0%	8%	12%		1066	67%	73%	64%	
M	U of Tennessee-Martin	17%	1,315	17%	22.2		509	14%	15%	5%	19%	22.8		70%	74%	59%	
L	U of Texas-Pan American	26%	2,891	93%	19.9		923	90%	0%	13%	19%	20.7		76%	78%	63%	

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2012 First-time Freshman Cohort in 177 CSRDE Participating Institutions

Public Institutions

(1) Size	Institutions	% Part-time Undergrad	2012 Cohort-All Majors				2012 Subcohort-STEM Majors						% Continued to 2nd Year			
			Head Count	(2) % URM	ACT	SAT	Head Count	(2) % URM	% Cohort by Discipline			ACT	SAT	All Majors	STEM Majors	
									AgrSci	Eng&T	Other				Institution	Discipline
<u>Master's (continued)</u>																
S	U of the Virgin Islands	37%	302	86%		777	75	85%	0%	12%	13%		885	68%	72%	69%
M	~ U of West Georgia	18%	2,012	44%		966	426	51%	0%	3%	18%		1007	72%	67%	54%
M	~ Valdosta State U (GA)	13%	1,920	45%		1013	429	55%	0%	3%	19%		1001	69%	62%	41%
M	West Chester U of Pennsylvania	9%	2,326	15%		1076	266	8%	0%	1%	10%		1133	87%	83%	70%
M	William Paterson U (NJ)	17%	1,232	35%		1015	163	39%	0%	2%	11%		1052	75%	79%	68%
<u>Baccalaureate</u>																
S	California Maritime Academy	2%	196	20%		1085	93	25%	0%	47%	0%		1105	82%	84%	83%
S	California State U-Channel Islands	16%	732	54%		958	182	53%	0%	3%	22%		976	78%	79%	68%
M	California State U-Monterey Bay	6%	900	53%		973	218	60%	0%	3%	21%		977	81%	84%	74%
M	~ Clayton State U (GA)	41%	495	68%		942	98	57%	0%	6%	14%		988	73%	70%	60%
M	~ Dalton State College (GA)	41%	299	22%		963	99	35%	0%	0%	33%		951	71%	65%	52%
S	Evergreen State College (WA)	8%	521	13%		1103	3	--	--	--	--		--	74%	--	--
M	~ Georgia Gwinnett College	28%	1,960	49%		951	435	57%	0%	7%	16%		952	62%	64%	55%
L	Metropolitan State U Denver (CO)	42%	1,617	33%	21.0		279	30%	0%	7%	10%	22.0		66%	62%	56%
M	< Nipissing U (Canada)	32%	666				57		0%	1%	8%			79%	68%	58%
S	SUNY College-Old Westbury (NY)	14%	394	57%	22.0	971	87	52%				23.0	1003	75%	75%	71%
S	U of Science & Arts of Oklahoma	12%	129	20%	23.6	980	16	38%	0%	0%	12%	24.4		78%	75%	63%
<u>Other</u>																
M	Colorado School of Mines	5%	949	8%	29.0	1290	772	8%	0%	81%	0%	29.0	1290	92%	92%	92%
M	~ Southern Polytechnic State U (GA)	28%	743	25%		1147	463	25%	0%	57%	5%		1136	72%	77%	75%

(1) Size: L-large, 18,000 or more students; M-medium, 5,000-17,999 students; S-small, fewer than 5,000 students.

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Continuation Rates and Institutional Characteristics

2012 First-time Freshman Cohort in 177 CSRDE Participating Institutions

Private Institutions

(1) Size	Institutions	% Part-time Undergrad	2012 Cohort-All Majors				2012 Subcohort-STEM Majors						% Continued to 2nd Year			
			Head Count	(2) % URM	ACT	SAT	Head Count	(2) % URM	% Cohort by Discipline			ACT	SAT	All Majors	STEM Majors	
									AgrSci	Eng&T	Other				Institution	Discipline
<u>Doctoral/Research Intensive</u>																
M	Baylor U (TX)	2%	3,254	21%		1234	1,149	26%	0%	9%	26%		1257	88%	87%	61%
L	DePaul U (IL)	17%	2,589	23%	25.2		356	29%	0%	8%	6%	25.5		85%	86%	72%
M	Florida Institute of Technology	6%	755	13%		1141	560	11%	0%	55%	19%		1181	80%	80%	77%
M	Pace U (NY)	15%	1,323	22%		1089	146	27%	0%	3%	8%		1092	76%	72%	59%
L	St. John's U (NY)	31%	2,757	35%		1097	356	38%	0%	0%	13%		1141	80%	75%	63%
M	U of Saint Thomas (MN)	4%	1,446	7%	25.6	1188	377	6%	0%	10%	16%	26.7	1234	88%	89%	81%
M	U of San Francisco (CA)	4%	1,348	24%		1143	239	25%	0%	1%	17%		1166	87%	89%	62%
M	Worcester Polytechnic Institute (MA)	4%	948	9%		1294	794	8%	0%	61%	23%		1296	96%	97%	94%
<u>Master's</u>																
S	Chaminade U of Honolulu (HI)	3%	237	10%	21.2	974	76	12%	0%	2%	30%	21.9	960	72%	71%	46%
M	Embry-Riddle Aero. U-Daytona Beach (FL)	7%	928	11%		1109	469	10%	0%	49%	2%		1167	78%	78%	67%
S	Embry-Riddle Aeronautical U-Prescott (AZ)	6%	374	7%		1151	208	7%	0%	52%	4%		1201	82%	82%	78%
S	Fresno Pacific U (CA)	21%	230	45%		996	38	39%	0%	0%	17%		1013	82%	97%	92%
S	Gannon U (PA)	16%	594	8%		1033	95	6%	0%	8%	8%		1087	79%	80%	67%
S	Houston Baptist U (TX)	9%	514	52%		1102	170	50%	0%	0%	33%		1102	63%	59%	50%
M	Monmouth U (NJ)	6%	1,006	16%		1060	141	18%	0%	3%	11%		1124	80%	85%	69%
S	Nazareth College of Rochester (NY)	6%	472	10%		1108	48	6%	0%	0%	10%		1144	79%	69%	56%
S	St. John Fisher College (NY)	7%	578	7%	24.0	1068	153	6%	0%	0%	26%	25.1	1110	83%	86%	72%
S	Stetson U (FL)	2%	817	25%		1158	147	26%	0%	2%	16%		1155	78%	76%	58%
S	U of St. Francis (IL)	24%	220	29%	22.9		64	31%	0%	4%	25%	23.6		79%	84%	50%
M	U of Tampa (FL)	6%	1,516	14%	24.0	1096	224	15%	0%	1%	14%	25.0	1102	74%	70%	52%
M	Wilkes U (PA)	9%	589	8%		1054	175	7%	0%	18%	11%		1119	78%	80%	66%
<u>Baccalaureate</u>																
S	Alverno College (WI)	27%	191	52%			11	73%	0%	2%	4%			72%	73%	45%

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Public Institutions

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			Head Count	(2) % URM	ACT	SAT	Head Count	(2) % URM	% Cohort by Discipline			ACT	SAT	All Majors	STEM Majors		
									AgrSci	Eng&T	Other				Institution	Discipline	
	<u>Doctoral/Research Extensive (DRE)</u>																
M	Clemson U (SC)	6%	2,702	10%		1221	1,394	11%	5%	27%	20%		1237	83%	82%	57%	
L	Colorado State U	11%	4,288	11%	24.2		1,060	9%	2%	11%	12%	25.5		65%	67%	67%	
L	Florida State U	11%	6,116	22%		1183	990	25%	0%	6%	10%		1207	77%	64%	57%	
L	~ Georgia Institute of Technology	7%	2,622	10%		1344	1,727	10%	0%	62%	9%		1336	82%	78%	66%	
L	~ Georgia State U	25%	2,521	36%		1084	432	48%	0%	3%	11%		1068	53%	51%	27%	
L	Kansas State U	12%	3,301	7%	23.8		922	5%	5%	17%	6%	25.4		60%	62%	46%	
L	Louisiana State U	7%	4,582	13%	25.3		1,859	14%	3%	17%	21%	25.8		67%	64%	42%	
M	Mississippi State U	11%	2,273	23%	23.6		988	20%	5%	22%	17%	25.4		61%	63%	40%	
L	North Carolina State U	14%	4,786	12%		1171	2,506	10%	3%	31%	18%		1171	74%	74%	60%	
L	Northern Illinois U	10%	2,996	28%	22.0		393	24%	0%	7%	6%	23.0		51%	48%	31%	
L	Ohio State U	9%	6,160	10%	27.0		2,191	8%	2%	18%	16%	28.0		83%	82%	58%	
L	Oklahoma State U	13%	3,112	17%	24.4		725	15%	7%	14%	3%	26.0		60%	64%	30%	
L	Southern Illinois U-Carbondale	11%	2,486	34%	21.5		384	18%	2%	8%	6%	24.2		44%	50%	38%	
L	Stony Brook U (NY)	7%	2,760	15%		1180	1,078	14%	0%	10%	29%			66%	68%	40%	
L	Temple U (PA)	12%	3,970	19%		1092	629	21%	0%	5%	11%		1099	68%	65%	41%	
L	Texas A&M U	8%	7,587	18%	25.1	1178	3,529	19%	4%	22%	21%	26.0	1221	81%	79%	52%	
L	Texas Tech U	9%	4,439	18%		1092	941	18%	4%	13%	5%		1134	59%	61%	45%	
L	U of Alabama	8%	4,493	11%	24.5		683	13%	0%	10%	5%	26.6		67%	67%	43%	
M	U of Alabama-Birmingham	27%	1,387	27%	24.0		407	30%	0%	10%	20%	25.4		54%	59%	36%	
L	U of Arkansas-Main Campus	15%	2,879	10%	25.3		731	11%	2%	13%	10%	27.2		60%	62%	45%	
L	U of California-Davis	1%	4,949	18%		1159	2,673	18%	4%	16%	34%		1168	81%	80%	63%	
L	U of California-Irvine	3%	4,918	17%		1182	2,243	15%	0%	14%	32%		1194	86%	85%	59%	
L	U of Colorado Boulder	7%	5,540	9%	25.7	1169	1,473	9%	0%	12%	14%	27.0	1225	70%	74%	60%	
L	U of Connecticut	4%	3,140	12%		1192	743	11%	2%	9%	13%			83%	85%	63%	
L	U of Delaware	5%	3,571	13%		1184	1,119	13%	3%	14%	15%		1217	82%	82%	47%	
L	~ U of Georgia	7%	4,678	9%		1221	907	12%	2%	2%	15%		1230	81%	77%	40%	
L	U of Houston (TX)	29%	3,292	43%		1061	717	32%	0%	9%	12%	23.0	1124	48%	53%	53%	
M	U of Idaho	11%	1,619	10%	22.7		581	8%	4%	17%	15%	23.8		54%	54%	36%	
L	U of Illinois-Urbana/Champaign	2%	6,935	15%	27.8	1286	2,517	8%	4%	20%	12%	29.3		84%	83%	68%	
M	U of Maine	18%	1,817	4%		1078	653	4%	4%	18%	14%		1121	56%	61%	49%	

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									AgrSci	Eng&T	Other				Institution	Discipline
<u>DRE (continued)</u>																
L	U of Massachusetts-Amherst	7%	4,272	10%		1142	1,111	11%	3%	8%	15%		1171	73%	74%	53%
L	U of Memphis (TN)	26%	2,027	39%	22.4		272	33%	0%	6%	7%	24.1		44%	40%	18%
L	U of Minnesota-Twin Cities	16%	5,256	9%	25.9		1,399	4%	3%	15%	9%	27.8		75%	80%	66%
L	U of Missouri-Columbia	6%	4,904	9%	25.4		1,111	9%	3%	9%	11%	26.0		70%	70%	49%
M	U of New Hampshire	5%	2,458	4%		1110	618	3%	2%	9%	14%		1149	80%	79%	66%
L	U of Oklahoma	12%	3,828	18%	25.6		959	17%	0%	15%	10%	27.2		66%	66%	41%
L	U of Oregon	15%	3,322	7%		1093	460	7%	0%	2%	12%		1142	67%	63%	40%
M	U of Rhode Island	13%	3,003	9%		1063	654	10%	2%	7%	13%		1113	60%	61%	42%
L	U of South Carolina-Columbia	8%	3,690	10%		1183	698	10%	0%	19%	0%		1201	72%	70%	47%
L	U of Tennessee-Knoxville	7%	4,331	11%	25.9		425	10%	2%	7%	0%	27.4		68%	69%	55%
L	U of Texas-Austin	8%	7,419	26%		1235	2,663	23%	0%	17%	18%		1255	79%	79%	58%
L	U of Utah	32%	2,374	8%	24.4		375	4%	0%	10%	6%	26.3		58%	65%	43%
L	Virginia Commonwealth U	20%	3,855	25%		1066	665	26%	0%	5%	12%		1106	57%	62%	40%
L	Virginia Polytechnic Institute	2%	5,059	7%		1204	2,118	7%	3%	25%	14%		1245	83%	82%	68%
L	Wayne State U (MI)	38%	2,820	40%	20.8		297	35%	0%	6%	5%	21.7		32%	35%	18%
L	West Virginia U	7%	4,678	6%		1060	1,244	4%	2%	13%	11%	24.9	1113	57%	61%	44%
L	Western Michigan U	12%	3,475	12%	21.9		514	12%	0%	11%	4%	23.3		55%	53%	34%
<u>Doctoral/Research Intensive (DRI)</u>																
L	Central Michigan U	11%	3,771	7%	22.2		260	7%	0%	3%	4%	22.5		59%	55%	30%
M	Cleveland State U (OH)	29%	1,133	34%	20.7		114	17%	0%	8%	3%	23.3		32%	44%	32%
M	East Tennessee State U	16%	1,921	8%	22.5		154	6%	0%	2%	6%	24.2		41%	47%	27%
L	George Mason U (VA)	25%	2,175	14%		1122	438	11%	0%	10%	10%		1138	67%	62%	41%
M	~ Georgia Southern U	7%	3,031	23%		1084	559	26%	0%	6%	9%		1094	50%	50%	29%
M	Indiana U of Pennsylvania	8%	2,511	17%	20.1	954	255	20%	0%	3%	7%	21.2	1023	51%	46%	27%
M	Miami U-Oxford (OH)	2%	3,465	6%	26.0		658	6%	0%	5%	14%	27.1		81%	78%	50%
M	Michigan Technological U	9%	1,171	4%	25.7		1,013	3%	0%	75%	12%	26.0		66%	68%	62%
L	Middle Tennessee State U	15%	3,509	17%	22.0		604	19%	1%	5%	11%	23.2		46%	43%	21%
M	Montana State U-Bozeman	15%	1,852	4%	24.3		729	4%	11%	20%	8%	25.3	1174	50%	53%	44%

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									AgrSci	Eng&T	Other				Institution	Discipline	
	<u>DRI (continued)</u>																
L	Northern Arizona U	18%	2,884	18%	22.7	1067	634	18%	2%	8%	12%	23.7	1099	49%	49%	37%	
L	Oakland U (MI)	28%	2,219	13%	21.8		233	9%	0%	5%	5%	23.4		43%	42%	26%	
L	Portland State U (OR)	36%	1,326	10%		1053	257	7%	0%	6%	13%		1088	41%	37%	19%	
L	San Diego State U (CA)	17%	4,506	24%		1091	729	26%	0%	7%	9%		1094	66%	56%	34%	
M	Texas Woman's U	29%	769	53%	21.0	1000	99	63%	0%	1%	12%	20.3	964	42%	44%	18%	
M	U of Alabama-Huntsville	26%	759	18%	24.4		372	15%	0%	49%	0%	25.4		48%	53%	43%	
M	U of Arkansas-Little Rock	41%	814	42%	20.5		198	27%	0%	14%	10%	23.2		21%	34%	27%	
L	U of Central Florida	25%	6,357	23%		1170	1,874	24%	0%	29%	0%		1177	67%	62%	36%	
L	U of Colorado Denver	45%	1,010	23%	22.1		146	27%	0%	5%	9%	22.7		41%	45%	28%	
M	U of Louisiana-Lafayette	16%	2,700	21%	22.0		689	18%	0%	12%	13%	23.0		45%	44%	26%	
M	U of Missouri-Saint Louis	36%	461	22%	22.9		84	19%	0%	4%	14%	23.3		46%	45%	29%	
M	U of Montana	14%	1,655	6%	22.9	1076	232	5%	0%	1%	13%	25.0		48%	50%	33%	
M	U of Texas-Dallas	27%	1,030	18%		1237	570	16%	0%	18%	37%		1264	60%	60%	46%	
M	Wichita State U (KS)	34%	1,145	13%	23.1		213	10%	0%	15%	4%	24.8		46%	47%	32%	
M	Wright State U (OH)	15%	2,352	20%	21.0		527	16%	0%	14%	9%	22.8		41%	51%	32%	
	<u>Master's</u>																
S	~ Albany State U (GA)	13%	626	96%		909	119	99%	0%	6%	19%		924	43%	39%	26%	
M	Arkansas State U	21%	1,666	24%	21.4		283	21%	2%	4%	10%	23.2		39%	47%	28%	
M	~ Armstrong Atlantic State U (GA)	33%	753	25%		1018	81	23%	0%	3%	9%		1052	34%	30%	21%	
M	Auburn U-Montgomery (AL)	36%	536	40%	20.4		124	47%	0%	0%	23%	20.9		27%	25%	12%	
M	Bloomsburg U of Pennsylvania	7%	1,680	13%		1016	253	8%	0%	5%	10%		1071	62%	65%	40%	
L	California Polytech State U-San Luis Obispo	5%	4,419	13%		1182	2,583	15%	7%	40%	12%		1198	70%	63%	54%	
L	California State Polytechnic U-Pomona	17%	3,414	39%		1022	1,449	39%	5%	31%	7%		1047	52%	48%	34%	
M	California State U-Bakersfield	18%	859	61%		914	110	60%	0%	2%	10%		944	40%	38%	16%	
M	California State U-Chico	9%	2,710	19%		1017	608	19%	2%	15%	6%		1039	56%	54%	34%	
M	California State U-Dominguez Hills	39%	913	84%		821	102	75%	0%	3%	8%		846	29%	26%	4%	

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									AgrSci	Eng&T	Other				Institution	Discipline
	<i>Master's (continued)</i>															
M	California State U-East Bay	18%	1,032	36%	916	172	26%	0%	6%	11%		948	38%	40%	22%	
L	California State U-Fresno	19%	2,552	43%	927	520	34%	3%	9%	8%		989	49%	47%	26%	
L	California State U-Fullerton	28%	4,040	42%	979	625	40%	0%	8%	7%		994	54%	38%	18%	
L	California State U-Long Beach	21%	4,134	38%	1010	747	37%	0%	8%	10%		1034	60%	54%	28%	
L	California State U-Los Angeles	26%	1,767	68%	873	305	70%	0%	9%	8%		903	36%	28%	16%	
L	California State U-Northridge	26%	3,978	51%	936	587	47%	0%	7%	8%		960	46%	40%	20%	
L	California State U-Sacramento	24%	2,357	28%	961	410	28%	0%	11%	7%		993	43%	32%	17%	
M	California State U-San Bernardino	17%	1,656	60%	893	264	56%	0%	3%	13%		923	41%	41%	16%	
M	California State U-San Marcos	25%	1,075	29%	992	129	29%	0%	3%	9%		1020	48%	48%	23%	
M	California State U-Stanislaus	30%	910	40%	960	134	39%	0%	3%	12%		984	52%	44%	22%	
M	California U of Pennsylvania	11%	906	6%	20.8	1011	223	5%	0%	8%	17%	21.1	1033	54%	60%	43%
M	Central Connecticut State U	21%	1,469	14%		1011	206	12%	0%	8%	6%		1039	52%	52%	31%
S	Cheyney U of Pennsylvania	5%	278	98%	16.4	792	19	100%	0%	3%	4%		825	25%	42%	16%
M	Chicago State U (IL)	37%	372	92%	19.0		32	94%	0%	2%	6%	19.5		21%	25%	19%
M	Clarion U of Pennsylvania	12%	1,286	8%	19.7	962	175	5%	0%	2%	11%	22.1	1045	55%	51%	35%
M	College of Charleston (SC)	9%	2,062	8%		1064	201	14%	0%	1%	9%		1188	65%	70%	46%
M	~ Columbus State U (GA)	30%	968	33%		994	165	40%	0%	3%	14%		1000	31%	32%	16%
M	East Stroudsburg U of Pennsylvania	8%	1,185	12%	21.9	983	176	15%	0%	2%	13%	21.6	1018	56%	55%	32%
M	Eastern Washington U	14%	1,313	15%		972	35	9%	0%	2%	0%		1065	45%	51%	46%
M	Edinboro U of Pennsylvania	13%	1,023	14%	19.2	943	112	15%	0%	2%	9%	20.2	986	47%	35%	13%
S	~ Fort Valley State U (GA)	9%	708	99%		888	242	99%	1%	8%	13%		901	30%	30%	24%
M	~ Georgia College and State U	9%	1,198	7%		1115	186	7%	0%	1%	14%		1131	61%	54%	30%
S	~ Georgia Southwestern State U	24%	388	33%		981	50	38%	0%	3%	18%		1005	36%	30%	14%
L	Grand Valley State U (MI)	13%	3,440	11%	24.4		622	11%	0%	6%	12%	25.2		70%	72%	44%
M	Humboldt State U (CA)	10%	1,039	21%		1035	367	17%	0%	4%	31%		1073	40%	46%	29%
M	Indiana U-Purdue U-Fort Wayne	34%	1,410	9%		970	202	7%	0%	7%	8%		1061	26%	33%	21%
L	~ Kennesaw State U (GA)	27%	2,356	10%		1067	415	10%	0%	2%	13%		1094	43%	38%	18%
M	Kutztown U of Pennsylvania	10%	1,889	15%	19.6	983	194	13%	0%	1%	9%	22.4	1042	55%	54%	38%
S	Lincoln U-Jefferson City (MO)	32%	458	69%	17.2		60	62%	3%	4%	6%	18.2		22%	33%	17%
M	Lock Haven U of Pennsylvania	8%	1,160	12%	19.1	945	86	5%	0%	3%	5%	22.0	1012	48%	48%	24%

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Graduation Rates and Institutional Characteristics

2007 First-time Freshman Cohort in 177 CSRDE Participating Institutions

Public Institutions

(1) Size	Institutions	% Part-time Undergrad	2007 Cohort-All Majors				2007 Subcohort-STEM Majors						Six-year Graduation Rates			
			Head Count	(2) % URM	ACT	SAT	Head Count	(2) % URM	% Cohort by Discipline			ACT	SAT	All Majors	STEM Majors	
									AgrSci	Eng&T	Other				Institution	Discipline
	<i>Master's (continued)</i>															
S	Mansfield U of Pennsylvania	9%	572	8%		996	78	1%	0%	2%	12%		1074	51%	60%	44%
M	Millersville U of Pennsylvania	9%	1,319	15%	20.9	1045	343	10%	0%	6%	20%		1069	61%	63%	51%
M	Missouri Southern State U	29%	737	10%	22.0		73	4%	0%	3%	7%	23.0		36%	44%	23%
M	North Carolina A&T State U	10%	1,569	94%		889	368	93%	2%	14%	8%		945	43%	44%	44%
M	Ramapo College of New Jersey	11%	900	16%		1106	150	8%	0%	2%	15%		1140	73%	76%	41%
L	San Francisco State U (CA)	20%	3,341	24%		1002	444	27%	0%	5%	9%		1011	46%	43%	22%
L	San Jose State U (CA)	23%	3,090	29%		996	765	25%	0%	17%	8%		1030	48%	43%	24%
S	~ Savannah State U (GA)	14%	611	97%		864	182	98%	0%	14%	14%		868	29%	37%	25%
M	Shippensburg U of Pennsylvania	5%	1,722	10%	19.7	999	259	6%	0%	4%	11%	22.8	1091	55%	57%	36%
M	Slippery Rock U of Pennsylvania	7%	1,506	8%	20.9	1002	207	9%	0%	3%	10%	21.7	1036	63%	59%	34%
M	Sonoma State U (CA)	12%	1,673	15%		1019	201	20%	0%	2%	10%		1051	54%	48%	27%
M	Southeast Missouri State U	25%	1,651	13%	22.6		191	13%	0%	6%	5%	23.6		49%	46%	31%
S	Southern Arkansas U	18%	528	34%	20.3		56	20%	3%	2%	5%	21.7		28%	27%	14%
M	Southern Connecticut State U	16%	1,333	19%		937	118	19%	0%	2%	7%		953	49%	46%	18%
M	Tennessee Technological U	11%	1,649	5%	23.0		586	3%	4%	27%	5%	24.7		51%	60%	47%
M	Texas A&M International U	34%	673	94%		881	109	91%	0%	0%	16%		928	44%	41%	21%
M	U of Central Oklahoma	30%	1,817	20%	21.9		329	16%	0%	4%	14%	22.8		36%	31%	13%
M	U of Massachusetts-Dartmouth	14%	1,912	9%		1042	390	5%	0%	14%	6%		1123	49%	52%	39%
M	U of Minnesota-Duluth	12%	2,196	4%	23.4		482	2%	0%	11%	11%	25.0		59%	67%	51%
M	U of North Carolina-Pembroke	21%	1,101	47%		950	170	54%	0%	3%	12%	19.0	974	33%	33%	17%
M	U of Northern Iowa	11%	1,922	5%	23.0		263	6%	0%	2%	12%	24.0		67%	48%	32%
M	U of Southern Indiana	17%	2,011	7%		953	288	8%	0%	5%	9%		1043	38%	40%	21%
M	< U of Southern Maine	42%	902	5%		936								34%		
M	U of Tennessee-Martin	22%	1,283	18%	22.0		306	13%	10%	8%	6%	22.8		47%	48%	31%
M	U of Texas-Pan American	26%	2,527	88%	19.2		437	87%	0%	12%	5%	19.9		39%	36%	24%

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Graduation Rates and Institutional Characteristics

2007 First-time Freshman Cohort in 177 CSRDE Participating Institutions

Public Institutions

(1) Size	Institutions	% Part-time Undergrad	2007 Cohort-All Majors				2007 Subcohort-STEM Majors						Six-year Graduation Rates			
			Head Count	(2) % URM	ACT	SAT	Head Count	(2) % URM	% Cohort by Discipline			ACT	SAT	All Majors	STEM Majors	
									AgrSci	Eng&T	Other				Institution	Discipline
<u>Master's (continued)</u>																
S	U of the Virgin Islands	42%	248	87%		789	59	85%	0%	4%	20%		870	26%	31%	25%
M	~ U of West Georgia	16%	1,803	29%		1014	366	37%	0%	2%	17%		1033	43%	30%	17%
M	~ Valdosta State U (GA)	15%	2,016	32%		1009	329	42%	0%	2%	15%		1031	40%	41%	17%
M	West Chester U of Pennsylvania	10%	1,957	13%		1059	179	8%	0%	1%	8%		1124	69%	64%	32%
M	William Paterson U (NJ)	17%	1,299	33%		986	119	35%	0%	2%	7%		997	49%	46%	21%
<u>Baccalaureate</u>																
S	California Maritime Academy	7%	155	14%		1067	50	18%	0%	32%	0%		1108	59%	56%	56%
S	California State U-Channel Islands	19%	512	36%		980	70	39%	0%	3%	11%		1041	52%	56%	44%
S	California State U-Monterey Bay	10%	734	37%		971	120	32%	0%	2%	14%		1016	38%	45%	25%
M	~ Clayton State U (GA)	44%	420	50%		979	75	51%	0%	1%	16%		1017	29%	31%	25%
S	~ Dalton State College (GA)	48%	116	10%		943	0							21%		
S	Evergreen State College (WA)	11%	677	12%		1103	3	--	--	--	--		--	57%	--	--
S	~ Georgia Gwinnett College	30%	297	19%		989	46	33%	0%	0%	0%		989	27%	13%	11%
L	Metropolitan State U Denver (CO)	40%	1,910	21%	20.4		217	24%	0%	4%	7%	20.5		26%	16%	9%
M	< Nipissing U (Canada)	25%	759				58		0%	1%	7%			67%	62%	50%
S	SUNY College-Old Westbury (NY)	17%	433	62%	20.0	934	50	68%					959	37%	34%	26%
S	U of Science & Arts of Oklahoma	23%	197	18%	22.7		48	25%	0%	0%	24%	24.0		41%	35%	15%
<u>Other</u>																
S	Colorado School of Mines	19%	780	9%	28.0	1230	516	9%	0%	66%	0%	28.0	1230	70%	71%	71%
S	~ Southern Polytechnic State U (GA)	30%	468	21%		1106	338	18%	0%	58%	2%		1112	38%	37%	32%

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Graduation Rates and Institutional Characteristics

2007 First-time Freshman Cohort in 177 CSRDE Participating Institutions

Private Institutions

(1) Size	Institutions	% Part-time Undergrad	2007 Cohort-All Majors				2007 Subcohort-STEM Majors						Six-year Graduation Rates			
			Head Count	(2) % URM	ACT	SAT	Head Count	(2) % URM	% Cohort by Discipline			ACT	SAT	All Majors	STEM Majors	
									AgrSci	Eng&T	Other				Institution	Discipline
<u>Doctoral/Research Intensive</u>																
M	Baylor U (TX)	2%	2,732	18%		1219	784	24%	0%	6%	22%		1239	75%	71%	43%
L	DePaul U (IL)	20%	2,513	18%	24.6		239	20%	0%	4%	5%	24.6		71%	63%	38%
M	Florida Institute of Technology	7%	675	9%		1140	524	9%	0%	52%	25%		1160	54%	55%	52%
M	Pace U (NY)	21%	1,183	19%		1070	105	28%	0%	2%	7%		1063	54%	51%	30%
L	St. John's U (NY)	21%	3,129	29%		1075	276	32%	0%	0%	9%		1129	55%	53%	41%
M	U of Saint Thomas (MN)	6%	1,313	7%	25.2	1183	346	9%	0%	9%	18%	25.9	1214	75%	74%	43%
M	U of San Francisco (CA)	4%	1,053	22%		1122	148	25%	0%	1%	13%		1136	69%	69%	42%
S	Worcester Polytechnic Institute (MA)	1%	806	7%		1285	687	7%	0%	66%	19%		1285	82%	84%	77%
<u>Master's</u>																
S	Chaminade U of Honolulu (HI)	7%	242	9%	20.1	933	72	14%	0%	3%	27%	20.0	962	38%	33%	19%
S	Embry-Riddle Aero. U-Daytona Beach (FL)	8%	1,016	15%		1094	518	12%	0%	47%	4%		1154	56%	55%	42%
S	Embry-Riddle Aeronautical U-Prescott (AZ)	8%	399	12%		1096	201	11%	0%	46%	5%		1148	59%	58%	50%
S	Fresno Pacific U (CA)	23%	188	34%	20.3	980	15	33%	0%	0%	8%		1119	55%	80%	67%
S	Gannon U (PA)	16%	575	12%		1043	81	5%	0%	5%	9%		1140	64%	69%	59%
S	Houston Baptist U (TX)	10%	449	41%		1086	143	34%	0%	0%	32%		1108	44%	47%	28%
M	Monmouth U (NJ)	12%	945	9%		1073	94	14%	0%	2%	8%		1114	61%	59%	39%
S	Nazareth College of Rochester (NY)	8%	458	9%		1136	40	5%	0%	0%	9%		1173	68%	65%	53%
S	St. John Fisher College (NY)	8%	548	7%	24.0	1078	115	7%	0%	0%	21%	26.0	1131	72%	69%	49%
S	Stetson U (FL)	4%	594	12%		1077	76	17%	0%	2%	11%		1152	64%	63%	34%
S	U of St. Francis (IL)	36%	198	20%	22.5		34	24%	0%	3%	14%	24.0		57%	68%	38%
M	U of Tampa (FL)	8%	1,171	16%	23.0	1079	151	19%	0%	1%	12%	26.0	1094	61%	56%	34%
M	Wilkes U (PA)	10%	620	7%		1045	149	3%	0%	14%	10%		1106	58%	59%	50%
<u>Baccalaureate</u>																
S	Alverno College (WI)	28%	270	41%			15	47%	0%	1%	5%			39%	33%	13%

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Documentation of the 2013-14 STEM Retention Survey Responses

Institutions	Section I-All Majors			Sections II & III-STEM Majors		
	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>
Albany State U (GA)		X	None		X	2013-14 updates estimated
Alverno College (WI)	X		None	N/A	N/A	None
Arkansas State U	X		None	X		None
Armstrong Atlantic State U (GA)		X	None		X	2013-14 updates estimated
Auburn U-Montgomery (AL)	X		None	X		Data not available for nonresident alien subgroup prior to 2012
Baylor U (TX)		X	None		X	None
Bloomsburg U of Pennsylvania	X	X	None	X	X	ACT data not available prior to 2011
California Maritime Academy		X	None		X	None
California Poly. State U-San Luis Obispo		X	None		X	None
California State Polytechnic U-Pomona		X	None		X	None
California State U-Bakersfield		X	None		X	None
California State U-Channel Islands		X	None		X	None
California State U-Chico		X	None		X	None
California State U-Dominguez Hills		X	None		X	None
California State U-East Bay		X	None		X	None
California State U-Fresno		X	None		X	None
California State U-Fullerton		X	None		X	None
California State U-Long Beach		X	None		X	None
California State U-Los Angeles		X	None		X	None
California State U-Monterey Bay		X	None		X	None
California State U-Northridge		X	None		X	None
California State U-Sacramento		X	None		X	None
California State U-San Bernardino		X	None		X	None
California State U-San Marcos		X	None		X	None
California State U-Stanislaus		X	None		X	None
California U of Pennsylvania	X	X	None	X	X	None
Central Connecticut State U		X	None		X	None
Central Michigan U	X		None	X		None
Chaminade U of Honolulu (HI)	X	X	None	X	X	None

Documentation of the 2013-14 STEM Retention Survey Responses

Institutions	Section I-All Majors			Sections II & III-STEM Majors		
	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>
Cheyney U of Pennsylvania	X	X	None	X	X	None
Chicago State U (IL)	X		None	X		None
Clarion U of Pennsylvania	X	X	None	X	X	None
Clayton State U (GA)		X	None		X	2013-14 updates estimated
Clemson U (SC)		X	None		X	None
Cleveland State U (OH)	X		None	X		None
College of Charleston (SC)		X	None		X	None
Colorado School of Mines	X	X	ACT and SAT data not available for race/ethnicity and gender subgroups	X	X	ACT and SAT data not available for race/ethnicity and gender subgroups
Colorado State U	X		None	X		None
Columbus State U (GA)		X	None		X	2013-14 updates estimated
Dalton State College (GA)		X	None		X	2013-14 updates estimated
DePaul U (IL)	X		None	X		Graduation rates beyond the 8th year and continuation rates beyond the 9th year estimated
East Stroudsburg U of Pennsylvania	X	X	None	X	X	None
East Tennessee State U	X		None	X		None
Eastern Washington U		X	None		X	None
Edinboro U of Pennsylvania	X	X	None	X	X	None
Embry-Riddle Aero. U-Daytona Beach (FL)		X	None		X	None
Embry-Riddle Aeronautical U-Prescott (AZ)		X	None		X	None
Evergreen State College (WA)		X	None		X	All cohorts are very small
Florida Institute of Technology		X	None		X	None
Florida State U		X	SAT data not available for race/ethnicity and gender subgroups		X	None
Fort Valley State U (GA)		X	None		X	2013-14 updates estimated
Fresno Pacific U (CA)	X	X	ACT data not available for nonresident alien subgroup; ACT data not available for 2012		X	None
Gannon U (PA)		X	Evening and weekend students were not included		X	None

Documentation of the 2013-14 STEM Retention Survey Responses

Institutions	Section I-All Majors			Sections II & III-STEM Majors		
	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>
George Mason U (VA)		X	None		X	None
Georgia College and State U		X	None		X	2013-14 updates estimated
Georgia Gwinnett College		X	Data available includes 2007-12 cohorts; institution opened in 2006		X	2013-14 updates estimated; data not available prior to 2007
Georgia Institute of Technology		X	None		X	2013-14 updates estimated
Georgia Southern U		X	None		X	2013-14 updates estimated
Georgia Southwestern State U		X	None		X	2013-14 updates estimated
Georgia State U		X	None		X	2013-14 updates estimated
Grand Valley State U (MI)	X		None	X		None
Houston Baptist U (TX)		X	Changed from quarter calendar to semester calendar in 2008		X	None
Humboldt State U (CA)		X	None		X	None
Indiana U of Pennsylvania	X	X	SAT data not available for nonresident alien subgroup	X	X	None
Indiana U-Purdue U-Fort Wayne		X	None		X	None
Kansas State U	X		None	X		None
Kennesaw State U (GA)		X	None		X	2013-14 updates estimated
Kutztown U of Pennsylvania	X	X	None	X	X	None
Lincoln U-Jefferson City (MO)	X		None	X		None
Lock Haven U of Pennsylvania	X	X	None	X	X	None
Louisiana State U	X		None	X		None
Mansfield U of Pennsylvania		X	None	X	X	ACT data not available prior to 2012
Metropolitan State U Denver (CO)	X		None	X		None
Miami U-Oxford (OH)	X		Nonresident aliens reported in their respective race/ethnicity subgroups prior to 2006; ACT data not available for nonresident alien subgroup	X		Nonresident aliens reported in their respective race/ethnicity subgroups prior to 2006
Michigan Technological U	X		None	X		None
Middle Tennessee State U	X		Nonresident aliens reported in their respective race/ethnicity subgroups prior to 2005	X		Nonresident aliens reported in their respective race/ethnicity subgroups prior to 2005

Documentation of the 2013-14 STEM Retention Survey Responses

Institutions	Section I-All Majors			Sections II & III-STEM Majors		
	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>
Millersville U of Pennsylvania	X	X	None		X	None
Mississippi State U	X		None	X		None
Missouri Southern State U	X		None	X		None
Monmouth U (NJ)		X	None		X	None
Montana State U-Bozeman	X		Data not available for nonresident alien subgroup	X	X	SAT data not available after 2010
Nazareth College of Rochester (NY)		X	None		X	None
Nipissing U (Canada)	N/A	N/A	Data not included in aggregates, but is available for peer comparisons; data not available for race/ethnicity subgroups; 3-yr and 4-yr degree program students are included; graduation rates reflect first degree earned	N/A	N/A	Data not included in aggregates, but is available for peer comparisons; data not available for race/ethnicity subgroups; 3-yr and 4-yr degree program students are included; graduation rates reflect first degree earned
North Carolina A&T State U		X	Calculations are not adjusted for students who departed for the following reasons: deceased, permanently disabled, joined armed forces, etc.		X	None
North Carolina State U		X	Calculations are not adjusted for students who departed for the following reasons: deceased, permanently disabled, joined armed forces, etc.		X	None
Northern Arizona U	X	X	None	X	X	None
Northern Illinois U	X		None	X		None
Oakland U (MI)	X		None	X		None
Ohio State U	X		None	X		None
Oklahoma State U	X		None	X		None
Pace U (NY)		X	None		X	None
Portland State U (OR)		X	None		X	None
Ramapo College of New Jersey		X	Data not available for unknown subgroup prior to 2008		X	Data not available for unknown subgroup prior to 2009
San Diego State U (CA)		X	None		X	None
San Francisco State U (CA)		X	None		X	None
San Jose State U (CA)		X	None		X	None
Savannah State U (GA)		X	None		X	2013-14 updates estimated
Shippensburg U of Pennsylvania	X	X	None	X	X	None
Slippery Rock U of Pennsylvania	X	X	None	X	X	None

Documentation of the 2013-14 STEM Retention Survey Responses

Institutions	Section I-All Majors			Sections II & III-STEM Majors		
	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>
Sonoma State U (CA)		X	None		X	None
Southeast Missouri State U	X		ACT data not available for nonresident alien subgroup	X		ACT data not available for nonresident alien subgroup prior to 2011
Southern Arkansas U	X		None	X		None
Southern Connecticut State U		X	None		X	None
Southern Illinois U-Carbondale	X		None	X		None
Southern Polytechnic State U (GA)		X	None		X	2013-14 updates estimated
St. John Fisher College (NY)	X	X	None	X	X	None
St. John's U (NY)		X	None		X	None
Stetson U (FL)		X	None		X	None
Stony Brook U (NY)		X	SAT data not available for race/ethnicity and gender subgroups	N/A	N/A	None
SUNY College-Old Westbury (NY)	X	X	ACT data available only for the 2007, and 2010-2012 cohorts	X	X	ACT data not available prior to 2011
Temple U (PA)		X	None		X	None
Tennessee Technological U	X		None	X		None
Texas A&M International U		X	None		X	None
Texas A&M U	X	X	None	X	X	ACT and SAT data not available for unknown subgroup prior to 2008
Texas Tech U		X	None		X	None
Texas Woman's U	X	X	ACT and SAT data not available for race/ethnicity and gender subgroups	X	X	ACT and SAT data not available for race/ethnicity and gender subgroups
U of Alabama	X		None	X		None
U of Alabama-Birmingham	X		None	X		Data not available prior to 2005
U of Alabama-Huntsville	X		None	X		None
U of Arkansas-Little Rock	X		None	X		None
U of Arkansas-Main Campus	X		None	X		None
U of California-Davis		X	None		X	None

Documentation of the 2013-14 STEM Retention Survey Responses

Institutions	Section I-All Majors			Sections II & III-STEM Majors		
	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>
U of California-Irvine		X	None		X	None
U of Central Florida		X	SAT data does not include summer matriculants prior to 2004; SAT data not available for unknown subgroup prior to 2004		X	None
U of Central Oklahoma	X		None	X		None
U of Colorado Boulder	X	X	None	X	X	None
U of Colorado Denver	X		None	X		None
U of Connecticut		X	SAT data not available for race/ethnicity and gender subgroups; cohorts included a small number of part-time students prior to 2004	N/A	N/A	None
U of Delaware		X	None		X	Data not available prior to 2007
U of Georgia		X	None		X	2013-14 updates estimated
U of Houston (TX)		X	None	X	X	ACT data not available after 2009
U of Idaho	X		ACT data not available for nonresident alien subgroup prior to 2012	X		ACT data not available for nonresident alien and American Indian subgroups
U of Illinois-Urbana/Champaign	X	X	None	X		Data not available prior to 2004
U of Louisiana-Lafayette	X		None	X		ACT data not available for nonresident alien subgroup; data not available for unknown subgroup
U of Maine		X	Data not available for unknown subgroup prior to 2008		X	None
U of Massachusetts-Amherst		X	None		X	None
U of Massachusetts-Dartmouth		X	None		X	None
U of Memphis (TN)	X		Tenth year graduation rates and 11th year continuation rates not available	X		None
U of Minnesota-Duluth	X		None	X		None
U of Minnesota-Twin Cities	X		None	X		None
U of Missouri-Columbia	X		None	X		None
U of Missouri-Saint Louis	X		None	X		None
U of Montana	X	X	None	X		None

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Institutions	Section I-All Majors			Sections II & III-STEM Majors		
	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>
U of New Hampshire		X	Graduation rates beyond the 6th year and continuation rates beyond the 7th year estimated		X	None
U of North Carolina-Pembroke		X	Calculations are not adjusted for students who departed for the following reasons: deceased, permanently disabled, joined armed forces, etc.	X	X	None
U of Northern Iowa	X		ACT data not available for nonresident alien subgroup	X		ACT data not available for nonresident alien subgroup
U of Oklahoma	X		None	X		None
U of Oregon		X	None		X	None
U of Rhode Island		X	None		X	None
U of Saint Thomas (MN)	X	X	None	X	X	None
U of San Francisco (CA)		X	None		X	None
U of Science & Arts of Oklahoma	X		None	X		None
U of South Carolina-Columbia		X	None		X	None
U of Southern Indiana		X	Data not available for unknown subgroup prior to 2006		X	None
U of Southern Maine		X	None		X	Data not included in aggregates, but is available for peer comparisons; data available includes 2009-2011 cohorts
U of St. Francis (IL)	X		Data not available for nonresident alien subgroup prior to 2007	X		None
U of Tampa (FL)	X	X	None	X	X	None
U of Tennessee-Knoxville	X		None	X		None
U of Tennessee-Martin	X		ACT data not available for nonresident alien subgroup	X		ACT data not available for nonresident alien subgroup
U of Texas-Austin		X	None		X	Data not available for unknown subgroup prior to 2006
U of Texas-Dallas		X	SAT data not available for unknown subgroup prior to 2007		X	SAT data not available for unknown subgroup prior to 2008
U of Texas-Pan American	X		None	X		None
U of the Virgin Islands		X	None		X	None
U of Utah	X		None	X		None
U of West Georgia		X	None		X	2013-14 updates estimated

Documentation of the 2013-14 STEM Retention Survey Responses

Institutions	Section I-All Majors			Sections II & III-STEM Majors		
	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>	<i>ACT</i>	<i>SAT</i>	<i>Other Editing Notes</i>
Valdosta State U (GA)		X	None		X	2013-14 updates estimated
Virginia Commonwealth U		X	None		X	None
Virginia Polytechnic Institute		X	None		X	None
Wayne State U (MI)	X		None	X		Data not available for unknown subgroup prior to 2005
West Chester U of Pennsylvania		X	None		X	None
West Virginia U		X	Data not available for unknown subgroup prior to 2004	X	X	Data not available for unknown subgroup prior to 2004
Western Michigan U	X		ACT data not available for nonresident alien subgroup	X		ACT data not available for nonresident alien subgroup prior to 2012
Wichita State U (KS)	X		ACT data not available for nonresident alien subgroup	X		ACT data not available for nonresident alien subgroup
Wilkes U (PA)		X	None		X	None
William Paterson U (NJ)		X	None		X	Data not available for unknown subgroup prior to 2008
Worcester Polytechnic Institute (MA)		X	Data not available for unknown subgroup prior to 2008		X	Data not available for unknown subgroup prior to 2008
Wright State U (OH)	X		None	X		None

Definitions of the 2013-14 STEM Retention Survey

Part A: Definitions for All Sections

- 1. Timing Definition** The definition of "a year" for this survey is the 12-month period from the beginning of a fall term in one year to the beginning of the following fall term. The fall enrollment status is based on the official reporting date for the IPEDS fall enrollment report.
- 2. First-time Freshman (See IPEDS definition)** "An entering freshman who has never attended any college. Includes students enrolled in the fall term who attended for the first time in the prior summer term. Also includes students who entered with advanced standing (college credits earned before graduation from high school)." Report **only full-time, baccalaureate degree-seeking**, first-time freshmen in this survey.
- 3. ACT or SAT Columns** For the ACT/SAT columns, report either ACT or SAT score, whichever is used by the majority of freshmen for admission purposes. If reporting SAT, provide composite scores without the Writing score being included.
- 4. Ethnic Groups:** The CSRDE office has followed closely the changes on Race and Ethnicity definitions that were recently phased into the IPEDS surveys, and in particular the Fall Enrollment (which contains Retention Reporting) and the GRS. With the assistance of our Advisory Board (who are leaders in IR), consultations with the staff of National Center for Education Statistics-IPEDS, and suggestions from colleagues at the Association for Institutional Research we have identified a methodology which maintains the integrity of our longitudinal data and minimizes conditions which would negatively impact your ability to conduct benchmarking.

Guidelines: A student's enrollment and graduation data must be wholly reflected in a single Race/Ethnicity cohort. If a student's R/E status needs to be corrected, the headcount, ACT/SAT, and the retention and graduation rates for both the incorrect and correct sub-cohorts must be recalculated.

IMPORTANT NOTE: All cohorts that use the old IPEDS definitions must continue to use the old IPEDS definitions throughout the life of the cohort (through 10th year graduation and 11th year continuation).

The following section discusses the definitions for race/ethnicity for three separate groups of cohorts: **A. Fall 2003 through 2007; B. Fall 2008 and 2009; and C. Fall 2010 and beyond**

- A. Fall Cohort of 2003 through the Cohort of 2007.** Please use the historical Race and Ethnicity categories used by IPEDS and the CSRDE as shown below.

Black, Non-Hispanic "A person having origins in any of the black racial groups of Africa (except those of Hispanic origin)."

Hispanic "A person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race."

Asian or Pacific Islander "A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or Pacific Islands."

American Indian or Alaskan Native "A person having origins in any of the original peoples of North America or who maintains cultural identification through tribal affiliation or community recognition."

White, Non-Hispanic "A person having origins in any of the original peoples of Europe, North Africa, or the Middle East."

Nonresident Alien "A person who is not a citizen or national of the United States and who is in this country on a visa or temporary basis and does not have the right to remain indefinitely."

Unknown/Other "Individual who did not respond or whose response does not fit into the categories above."

- B1. Fall Cohorts of 2008 and 2009.** The CSRDE recommends the use of the definitions above for the Fall 2008 and Fall 2009 cohorts.

B2. Transitional Reporting on Fall 2008 and Fall 2009 Cohorts where new IPEDS R/E has been implemented.

IPEDS instructions for reporting race/ethnicity on the Fall 2008 and 2009 Cohorts gave institutions the option of reporting using the "New Definitions."

For the purposes of consistency, we strongly encourage you to report the ethnicity of the Fall 2008 and Fall 2009 Cohorts using the historical definitions listed above.

However, if your institution implemented the new definitions with the Fall 2008 or Fall 2009 cohort, and you intend to use those definitions for the Fall 2008 and/or 2009 CSRDE First-time, Full-time Cohort, please make a documentation note in the comments on the checklist tab. Be sure to include data for the Hawaiian and Multi-racial groups (see definitions below). If you have no students in those categories report zero (0) for the headcount. In the row for the Fall 2008 and/or Fall 2009 Asian subcohort, you would report only those students falling into the new Asian grouping (which excludes Hawaiians). The sum of the headcounts for all of your ethnic groups, including Unknown, for the Fall Cohort of 2008 and Fall Cohort of 2009 should equal the Total Cohort headcount for 2008 and 2009.

C. C. The new R/E definitions are required for the 2010 through 2012 cohorts in the 2013-2014 survey.

The definitions below should be used for the 2010 through 2012 cohorts, as well as the 2008 and 2009 cohorts IF your institution implemented the new R/E definitions for those two cohorts. See B1 and B2 above.

Black or African American - "A person having origins in any of the black racial groups of Africa."

Hispanic or Latino - "A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race."

Asian - " A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam."

American Indian or Alaska Native - " A person having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment."

White - "A person having origins in any of the original peoples of Europe, the Middle East, or North Africa."

Nonresident Alien - "A person who is not a citizen or national of the United States and who is in this country on a visa or temporary basis and does not have the right to remain indefinitely."

Native Hawaiian or Other Pacific Islander – "A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands."

Unknown/Other Ethnicity – "A person who did not select EITHER a racial or ethnicity designation."

Multi-racial – Those individuals that self identify in two or more racial categories. As defined by IPEDS, if an individual chooses Hispanic as their ethnic group, they will not be included in the multi-racial category.

5. **Continuation Rates** Continuation rate is the percentage of first-time, full-time freshmen in a given fall term who returned to the institution in a subsequent fall term. For example, the "continued to 3rd year" rate for fall 2006 first-time freshmen is the percentage of fall 2006 first-time freshmen who returned for fall 2008. The calculation of continuation rate does not include students who returned to the institution after having graduated from the same institution. For specific time points for reporting, see *2013-14 Survey Documentation Form*.

Reminder: As is the convention with IPEDS, data used for these calculations may be adjusted for students who departed for the following reasons: deceased, permanently disabled, or joined the armed forces (including those called to active duty from the Reserves or National Guard) or foreign aid service of the federal government or official church missions. These are exclusions, and may be subtracted from the cohort prior to calculating the continuation rate. Example: Number in cohort who continued to 3rd year / (cohort headcount - the allowable exclusions).

- 6. Cumulative Graduation Rates** Graduation rate is the cumulative percentage of first-time, full-time freshmen in a given fall term who graduated within a designated period of time. For example, the "graduated in five years" rate for fall 2006 first-time freshmen is the percentage of fall 2006 first-time freshmen who graduated from the institution by the fall 2011 term, including those students who completed their courses during the summer of 2011. For specific time points for reporting, see *2013-14 Survey Documentation Form*.

Reminder: As is the convention with IPEDS, data used for these calculations may be adjusted for students who departed for the following reasons: deceased, permanently disabled, or joined the armed forces (including those called to active duty from the Reserves or National Guard) or foreign aid service of the federal government or official church missions. These are exclusions, and may be subtracted from the cohort prior to calculating the graduation rate. Example: Number in cohort who graduated within 4 years / (cohort headcount - the allowable exclusions). Students who leave for these reasons, but return before the IPEDS status date of August 31 in the year in which the graduation rate is being calculated, may be subtracted from the cohort when calculating the graduation rate.

Please note: The headcount in Section II column D must stay the same even if a retention or graduation rate is calculated based on exclusions.

Part B: Definitions for Sections II and III

- 7. Science, Technology, Engineering & Mathematics (STEM) Disciplines** The 2013-14 CSRDE STEM survey uses the CIP 2010 codes. For more complete information on the CIP 2010 codes included in the STEM survey, please go to <http://csrde.ou.edu> and log in to the member portal. The file CIP 2010 Changes in STEM Survey can be found in Docs and Forms, under the category Survey Related Documents. This survey should include the following STEM disciplines using the CIP 2010 codes: CIP 03.xxxx, CIP 11.xxxx, CIP 14.xxxx, CIP 15.xxxx, CIP 26.xxxx, CIP 27.xxxx, and CIP 40.xxxx. In addition, it should also include: CIP 01.0000, CIP 01.0801, CIP 01.09 thru 01.9999, CIP 30.1901.
- 8. First-time, Full-time Freshman STEM Majors** In Sections II and III, report the first-time, full-time freshmen who declared STEM as their intended majors.
- 9. Institution-wide vs. Discipline-specific Retention** As you complete this survey form, keep in mind that the cohort group for each year is the same for both Section II and Section III. We are looking for the first-time freshman students who begin as a STEM major at your institution. The only difference between these two sections will be in the rates reported. This is explained below.

Institution-wide Continuation and Graduation Rates (Section II) For Section II, track the continuation and graduation rates of the first-time freshman students who begin and remain as a STEM major, and ALSO those who begin as a STEM major and switch to a non-STEM major at your institution at some point during their college career.

Discipline-specific Continuation and Graduation Rates (Section III) For Section III, track ONLY the continuation and graduation rates of the first-time freshman students who begin as a STEM major and continue or graduate with any STEM major at your institution.

