

## A. General Information

### A1 Address Information

Name of College/University:	Case Western Reserve University
Mailing Address:	10900 Euclid Avenue
City/State/Zip/Country:	Cleveland, Ohio 44106 - USA
Main Phone Number:	(216) 368-2000
WWW Home Page Address:	<a href="http://www.case.edu">http://www.case.edu</a>
Admissions Phone Number:	(216) 368-4450
Admissions Toll-Free Phone Number:	
Admissions Fax Number:	(216) 368-5111
Admissions E-mail Address:	<a href="mailto:admission@case.edu">admission@case.edu</a>
If there is a separate URL for your school's online application, please specify:	<a href="http://admission.case.edu">http://admission.case.edu</a>

### A2 Source of institutional control (Check only one):

Public	
Private (nonprofit)	X
Proprietary	

### A3 Classify your undergraduate institution:

Coeducational college	X
Men's college	
Women's college	

### A4 Academic year calendar:

Semester	X
Quarter	
Trimester	
4-1-4	
Continuous	
Differs by program (describe):	
Other (describe):	

### A5 Degrees offered by your institution:

Certificate	
Diploma	
Associate	
Transfer Associate	
Terminal Associate	
Bachelor's	X
Postbachelor's certificate	X
Master's	X
Post-master's certificate	
Doctoral degree research/scholarship	X
Doctoral degree – professional practice	X
Doctoral degree -- other	

## B. ENROLLMENT AND PERSISTENCE

**B1 Institutional Enrollment - Men and Women** Provide numbers of students for each of the following categories as of the institution's official fall reporting date or as of October 15, 2012. **Note:** Students formerly designated as "first professional" are now reported in the graduate cells.

	FULL-TIME		PART-TIME	
	Men	Women	Men	Women
<b>Undergraduates</b>				
Degree-seeking, first-time freshmen	763	608	1	0
Other first-year, degree-seeking	30	18	1	2
All other degree-seeking	1,573	1,236	26	20
<i>Total degree-seeking</i>	<b>2,366</b>	<b>1,862</b>	<b>28</b>	<b>22</b>
All other undergraduates enrolled in credit courses	18	14	30	46
<i>Total undergraduates</i>	<b>2,384</b>	<b>1,876</b>	<b>58</b>	<b>68</b>
<b>Graduate</b>				
Degree-seeking, first-time	700	844	92	121
All other degree-seeking	1,598	1,447	237	406
All other graduates enrolled in credit courses	12	15	68	100
<i>Total graduate</i>	<b>2,310</b>	<b>2,306</b>	<b>397</b>	<b>627</b>

Total all undergraduates 4,386

Total all graduate 5,640

**GRAND TOTAL ALL STUDENTS** **10,026**

**B2 Enrollment by Racial/Ethnic Category.** Provide numbers of undergraduate students for each of the following categories as of the institution's official fall reporting date or as of October 15, 2012. Include international students only in the category "Nonresident aliens." Complete the "Total Undergraduates" column only if you cannot provide data for the first two columns. Report as your institution reports to IPEDS: persons who are Hispanic should be reported only on the Hispanic line, not under any race, and persons who are non-Hispanic multi-racial should be reported only under "Two or more races."

	Degree-Seeking First-Time First Year	Degree-Seeking Undergraduates (include first-time first-year)	Total Undergraduates (both degree- and non-degree- seeking)
Nonresident aliens	93	316	350
Hispanic	98	205	207
Black or African American, non-Hispanic	65	192	201
White, non-Hispanic	760	2,313	2,351
American Indian or Alaska Native, non-Hispanic	1	9	9
Asian, non-Hispanic	277	793	798
Native Hawaiian or other Pacific Islander, non-Hispanic	0	2	2
Two or more races, non-Hispanic	59	121	121
Race and/or ethnicity unknown	19	327	347
<b>TOTAL</b>	<b>1,372</b>	<b>4,278</b>	<b>4,386</b>

**Persistence****B3 Number of degrees awarded from July 1, 2011 to June 30, 2012**

Certificate/diploma	
Associate degrees	
Bachelor's degrees	919
Postbachelor's certificates	47
Master's degrees	1,101
Post-Master's certificates	
Doctoral degrees – research/scholarship	186
Doctoral degrees – professional practice	472
Doctoral degrees – other	

**Graduation Rates**

The items in this section correspond to data elements collected by the IPEDS Web-based Data Collection System's Graduation Rate Survey (GRS). For complete instructions and definitions of data elements, see the IPEDS GRS instructions and glossary on the 2012 Web-based survey.

**Fall 2006 Cohort**

Report for the cohort of full-time first-time bachelor's (or equivalent) degree-seeking undergraduate students who entered in Fall 2006. Include in the cohort those who entered your institution during the summer term preceding Fall 2006.

<b>B4</b>	Initial 2006 cohort of first-time, full-time bachelor's (or equivalent) degree-seeking undergraduate students; total all students:	1,015
<b>B5</b>	Of the initial 2006 cohort, how many did not persist and did not graduate for the following reasons: death, permanent disability, service in the armed forces, foreign aid service of the federal government, or official church missions; total allowable exclusions:	0
<b>B6</b>	Final 2006 cohort, after adjusting for allowable exclusions: (subtract question B5 from question B4)	1,015
<b>B7</b>	Of the initial 2006 cohort, how many completed the program in four years or less (by August 31, 2010):	636
<b>B8</b>	Of the initial 2006 cohort, how many completed the program in more than four years but in five years or less (after August 31, 2010 and by August 31, 2011):	142
<b>B9</b>	Of the initial 2006 cohort, how many completed the program in more than five years but in six years or less (after August 31, 2011 and by August 31, 2012):	15
<b>B10</b>	Total graduating within six years (sum of questions B7, B8, and B9):	793
<b>B11</b>	Six-year graduation rate for 2006 cohort (question B10 divided by question B6):	78%

**Retention Rates**

Report for the cohort of all full-time, first-time bachelor's (or equivalent) degree-seeking undergraduate students who entered in Fall 2011 (or the preceding summer term). The initial cohort may be adjusted for students who departed for the following reasons: death, permanent disability, service in the armed forces, foreign aid service of the federal government or official church missions. No other adjustments to the initial cohort should be made.

<b>B22</b>	For the cohort of all full-time bachelor's (or equivalent) degree-seeking undergraduate students who entered your institution as freshmen in Fall 2011 (or the preceding summer term), what percentage was enrolled at your institution as of the date your institution calculates its official enrollment in Fall 2012?	92.0%
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**Fall 2005 Cohort**

Report for the cohort of full-time first-time bachelor's (or equivalent) degree-seeking undergraduate students who entered in Fall 2005. Include in the cohort those who entered your institution during the summer term preceding Fall 2005.

Initial 2006 cohort of first-time, full-time bachelor's (or equivalent) degree-seeking undergraduate students; total all students:	1,162
Of the initial 2005 cohort, how many did not persist and did not graduate for the following reasons: death, permanent disability, service in the armed forces, foreign aid service of the federal government, or official church missions; total allowable exclusions:	0
Final 2005 cohort, after adjusting for allowable exclusions: (subtract question B5 from question B4)	1,162
Of the initial 2005 cohort, how many completed the program in four years or less (by August 31, 2009):	702
Of the initial 2005 cohort, how many completed the program in more than four years but in five years or less (after August 31, 2009 and by August 31, 2010):	179
Of the initial 2005 cohort, how many completed the program in more than five years but in six years or less (after August 31, 2010 and by August 31, 2011):	29
Total graduating within six years (sum of questions B7, B8, and B9):	910
Six-year graduation rate for 2005 cohort (question B10 divided by question B6):	78%

## C. FIRST-TIME, FIRST-YEAR (FRESHMAN) ADMISSION

### Applications

- C1 First-time, first-year, (freshmen) students:** Provide the number of degree-seeking, first-time, first-year students who applied, were admitted, and enrolled (full- or part-time) in Fall 2012. Early decision, early action, and students who began studies during summer are included in this cohort. Applicants include only those students who fulfilled the requirements for consideration for admission (i.e., who completed actionable applications) and who have been notified of one of the following actions: admission, nonadmission, placement on waiting list, or application withdrawn (by applicant or institution). Admitted applicants include wait-listed students who were subsequently offered admission.

Total first-time, first-year (freshman) men who applied	8,164
Total first-time, first-year (freshman) women who applied	6,614

Total first-time, first-year (freshman) men who were admitted	4,393
Total first-time, first-year (freshman) women who were admitted	3,634

Total full-time, first-time, first-year (freshman) men who enrolled	763
Total part-time, first-time, first-year (freshman) men who enrolled	1

Total full-time, first-time, first-year (freshman) women who enrolled	608
Total part-time, first-time, first-year (freshman) women who enrolled	0

- C2 Freshman wait-listed students (students who met admission requirements but whose final admission was contingent on space availability)**

	Yes	No
Do you have a policy of placing students on a waiting list?	X	
If yes, please answer the questions below for Fall 2011 admissions:		
Number of qualified applicants offered a placed on waiting list	3,480	
Number accepting a place on the waiting list	1,737	
Number of wait-listed students admitted	39	
Is your waiting list ranked?		X
If yes, do you release that information to students?		
Do you release that information to school counselors?		

### Admission Requirements

- C3 High school completion requirement**

High school diploma is required and GED is accepted	X
High school diploma is required and GED is not accepted	
High school diploma or equivalent is not required	

- C4 Does your institution require or recommend a general college-preparatory program for degree-seeking students?**

Require	X
Recommend	
Neither require nor recommend	

C5



**Units  
Required**

**Units  
Recommended**



**C7 Relative importance of each of the following academic and nonacademic factors in first-time, first-year, degree-seeking (freshman) admission decisions.**

	Very Important	Important	Considered	Not Considered
<b>Academic</b>				
Rigor of secondary school record	X			
Class rank	X			
Academic GPA	X			
Standardized test scores	X			
Application Essay		X		
Recommendation(s)		X		
<b>Nonacademic</b>				
Interview		X		
Extracurricular activities	X			
Talent/ability		X		
Character/personal qualities		X		
First generation			X	
Alumni/ae relation			X	
Geographical residence				X
State residency				X
Religious affiliation/commitment				X
Racial/ethnic status			X	
Volunteer work		X		
Work experience		X		
Level of applicant's interest		X		

**SAT and ACT Policies****C8 Entrance exams**

	Yes	No
<b>C8A</b> Does your institution make use of SAT, ACT, or SAT Subject Test scores in admission decisions for first-time, first-year, degree-seeking applicants?	X	

If yes, place check marks in the appropriate boxes below to reflect your institution's policies for use in **admission** for **Fall 2014**.

	ADMISSION				
	Require	Recommend	Require for Some	Consider if Submitted	Not Used
SAT or ACT	X				
ACT only					
SAT only					
SAT and SAT Subject Tests or ACT					
SAT Subject Tests only					

**C8B** If your institution will make use of the ACT in admission decisions for first-time, first-year, degree-seeking applicants for Fall 2014, please indicate which ONE of the following applies: (regardless of whether the writing score will be used in the admissions process):

ACT with Writing Component required	X
ACT with Writing component recommended	
ACT with or without Writing component accepted	

Please indicate how your institution will use the SAT or ACT writing component; check all that apply:

	SAT essay	ACT essay
For admission	X	X
For placement		
For advising		
In place of an application essay		
As a validity check on the application essay		
No college policy as of now		
Not using essay component		

**C8D** In addition, does your institution use applicants' test scores for academic advising?

	Yes	No
		X

<b>C8E</b> Latest date by which SAT or ACT scores must be received for fall-term admission	15-Jan
Latest date by which SAT Subject Test scores must be received for fall-term admission	15-Jan

**C8G** Please indicate which tests your institution uses for placement (e.g., state tests):

SAT	
ACT	
SAT Subject Tests	
AP	X
CLEP	
Institutional Exam	X
State Exam (specify):	





C10

74%  
94%  
100% Top half +  
0% bottom half = 100%  
0%  
46%

C11

0.00%

C12

**Admission Policies**

C13 **Application Fee**

<input type="checkbox"/>	Yes	No
Does your institution have an application fee?		X
Amount of application fee:		
<input type="checkbox"/>	Yes	No
Can it be waived for applicants with		

he2ollowing rangeTj(using .4 scale). Unporttioicame:

**C14 Application closing date**

[Redacted]

[Redacted]

[Redacted]

[Redacted]

**Early Decision and Early Action Plans****C21 Early Decision**

	Yes	No
Does your institution offer an early decision plan (an admission plan that permits students to apply and be notified of an admission decision well in advance of the regular notification date and that asks students to commit to attending if accepted) for first-time, first-year (freshman) applicants for fall enrollment?		X

If "yes," please complete the following:

First or only early decision plan closing date	
First or only early decision plan notification date	
Other early decision plan closing date	
Other early decision plan notification date	

**For the Fall 2012 entering class:**

Number of early decision applications received by your institution	
Number of applicants admitted under early decision plan	

Please provide significant details about your early decision plan:

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**C22 Early action**

	Yes	No
Do you have a nonbinding early action plan whereby students are notified of an admission decision well in advance of the regular notification date but do not have to commit to attending your college?	X	

If "yes," please complete the following:

Early action closing date	1-Nov
Early action notification date	15-Dec

Is your early action plan a "restrictive" plan under which you limit students from applying to other early plans?

Yes	No
	X

## D. TRANSFER ADMISSION

### Fall Applicants

<b>D1</b>		Yes	No
	Does your institution enroll transfer students? (If no, please skip to Section E)	X	
	If yes, may transfer students earn advanced standing credit by transferring credits earned from course work completed at other colleges/universities?	X	

**D2** Provide the number of students who applied, were admitted, and enrolled as degree-seeking transfer students in Fall 2011.

	Applicants	Admitted Applicants	Enrolled Applicants
Men	199	45	26
Women	204	50	31
<b>Total</b>	<b>403</b>	<b>95</b>	<b>57</b>

### Application for Admission

**D3** Indicate terms for which transfers may enroll:

Fall	X
Winter	
Spring	X
Summer	X

<b>D4</b>		Yes	No
	Must a transfer applicant have a minimum number of credits completed or else must apply as an entering freshman?		X
	If yes, what is the minimum number of credits and the unit of measure?		

**D5** Indicate all items required of transfer students to apply for admission:

	Required of All	Recommended of All	Recommended of Some	Required of Some	Not Required
High school transcript	X				
College transcript(s)	X				
Essay or personal statement	X				
Interview			X		
Standardized test scores				X	
Statement of good standing from prior institution(s)	X				

<b>D6</b>	If a minimum high school grade point average is required of transfer applicants, specify (on a 4.0 scale):	3.20	
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## F. STUDENT LIFE

**F1** Percentages of first-time, first-year (freshman) degree-seeking students and degree-seeking undergraduates enrolled in Fall 2012 who fit the following categories:

	First-time, first-year (freshman) students	Undergraduates
Percent who are from out of state (exclude international/nonresident aliens from the numerator and denominator)	66%	55%
Percent of men who join fraternities	22%	39%
Percent of women who join sororities	0%	33%
Percent who live in college-owned, -operated, or -affiliated housing	97%	77%
Percent who live off campus or commute	3%	23%
Percent of students age 25 and older	0%	2%
Average age of full-time students	18	20
Average age of all students (full- and part-time)	18	20

**F2** **Activities offered** Identify those programs available at your institution.

Campus Ministries	X
Choral groups	X
Concert band	X
Dance	X
Drama/theater	X
International Student Organization	X
Jazz band	X
Literary magazine	X
Marching band	X
Model UN	X
Music ensembles	X
Musical theater	X
Opera	
Pep band	X
Radio station	X
Student government	X
Student newspaper	X
Student-run film society	X
Symphony orchestra	X
Television station	
Yearbook	X



**F3 ROTC** (program offered in cooperation with Reserve Officers' Training Corps)

	On Campus	At Cooperating Institution	Name of Cooperating Institution
Army ROTC is offered:	X	X	
Naval ROTC is offered:			
Air Force ROTC is offered:		X	Kent State University

**F4 Housing:** Check all types of college-owned, -operated, or -affiliated housing available for undergraduates at your institution.

Coed dorms	X
Men's dorms	
Women's dorms	
Apartments for married students	X
Apartments for single students	X
Special housing for disabled students	
Special housing for international students	
Fraternity/sorority housing	X
Cooperative housing	
Theme housing	
Wellness housing	X
Other housing options (specify):	X
Residential Colleges, Specific-Interest Housing	



<b>G3</b>		Yes	No
	Do tuition and fees vary by year of study (e.g., sophomore, junior, senior)?		X

<b>G4</b>		Yes	No
	Do tuition and fees vary by undergraduate instructional program?		X
		%	
	If yes, what percentage of full-time undergraduates pay more than the tuition and fees reported in G1?		

**G5** Provide the estimated expenses for a typical full-time undergraduate student:

	Residents	Commuters (living at home)	Commuters (not living at home)
Books and supplies	\$1,200	\$1,200	\$1,200
Room only			
Board only		\$2,895	\$5,468
Room and board total (if your college cannot provide separate room and board figures for commuters not living at home):			
Transportation	100 - 2000	\$900	100 - 2000
Other expenses	\$1,350	\$1,350	\$1,350

**G6** Undergraduate per-credit-hour charges (tuition only)

PRIVATE INSTITUTIONS:	\$1,726.00
PUBLIC INSTITUTIONS In-district:	
PUBLIC INSTITUTIONS In-state (out-of-district):	
PUBLIC INSTITUTIONS Out-of-state:	
NONRESIDENT ALIENS:	





**H3** Incorporated into H1 above.

**Note:** These are the graduates and loan types to include and exclude in order to fill out CDS H4, H4a, H5, and H5a.

Include: \* 2012 undergraduate class who graduated between July 1, 2011 and June 30, 2012 who started at your institution as first- time students and received a bachelor's degree between July 1, 2011 and June 30, 2012.

\* only loans made to students who borrowed while enrolled at your institution.

\* co-signed loans.

<b>H4</b>	Provide the percentage of the class (defined above) who borrowed at any time through any loan programs (institutional, state, Federal Perkins, Federal Stafford Subsidized and Unsubsidized, private loans that were certified by your institution, etc.; exclude parent loans). Include both Federal Direct Student Loans and Federal Family Education Loans.	52%
<b>H4a</b>	Provide the percentage of the class (defined above) who borrowed at any time through federal loan programs--Federal Perkins, Federal Stafford Subsidized and Unsubsidized. Include both Federal Direct Student Loans and Federal Family Education Loans. NOTE: exclude all institutional, state, private alternative loans and parent loans.	51%
<b>H5</b>	Report the average per-undergraduate-borrower cumulative principal borrowed of those in line H4.	\$ 37,640
<b>H5a</b>		\$ 25,546

H6

X

5

Average dollar amount of institutional financial aid awarded to undergraduate degree-seeking nonresident aliens:

\$28,768

\$143,840

H7

X

**Process for First-Year/Freshman Students**

H8

CSS/Financial Aid PROFILE

X  
X  
X

H9

Priority date for filing required financial aid forms:

15-Feb

Deadline for filing required financial aid forms:

15-May

H10

a)

[Redacted]

Yes

No

b) Students notified on a rolling basis:

X

If yes, starting date:

15-Mar

H11

1-May

**Types of Aid Available**

Please check off all types of aid available to undergraduates at your institution:

**H12 Loans**

Direct PLUS Loans	X
	X
	X
	X
	X
	X

**H13**

X  
X  
X  
X  
X

**H14** Check off criteria used in awarding institutional aid. Check all that apply.

	Non-Need Based	Need-Based
Academics	X	
Alumni affiliation	X	
	X	
Job skills		
ROTC		
Leadership	X	
Minority status		
Music/drama	X	
Religious affiliation		
State/district residency		

**H15**



## I. INSTRUCTIONAL FACULTY AND CLASS SIZE

- I1** Please report the number of instructional faculty members in each category for Fall 2012. Include faculty who are on your institution's payroll on the census date your institution uses for IPEDS/AAUP. The following definition of full-time instructional faculty is used by the American Association of University Professors (AAUP) in its annual Faculty Compensation Survey (the part time definitions are not used by AAUP). Instructional Faculty is defined as those members of the instructional-research staff whose major regular assignment is instruction, including those with released time for research. Use the chart below to determine inclusions and exclusions:

	Full-time	Part-time
(a) instructional faculty in preclinical and clinical medicine, faculty who are not paid (e.g., those who donate their services or are in the military), or research-only faculty, post-doctoral fellows, or pre-doctoral fellows	Exclude	Include only if they teach one or more non-clinical credit courses
(b) administrative officers with titles such as dean of students, librarian, registrar, coach, and the like, even though they may devote part of their time to classroom instruction and may have faculty status	Exclude	Include if they teach one or more non-clinical credit courses
(c) other administrators/staff who teach one or more non-clinical credit courses even though they do not have faculty status	Exclude	Include
(d) undergraduate or graduate students who assist in the instruction of courses, but have titles such as teaching assistant, teaching fellow, and the like	Exclude	Exclude
(e) faculty on sabbatical or leave with pay	Include	Exclude
(f) faculty on leave without pay	Exclude	Exclude
(g) replacement faculty for faculty on sabbatical leave or leave with pay	Exclude	Include

*Full-time instructional faculty:* faculty employed on a full-time basis for instruction (including those with released time for research)

*Part-time instructional faculty:* Adjuncts and other instructors being paid solely for part-time classroom instruction. Also includes full-time faculty teaching less than two semesters, three quarters, two trimesters, or two four-month sessions. Employees who are not considered full-time instructional faculty but who teach one or more non-clinical credit courses may be counted as part-time faculty.

*Minority faculty:* includes faculty who designate themselves as Black, non-Hispanic; American Indian or Alaska Native; Asian, Native Hawaiian or other Pacific Islander, or Hispanic.

*Doctorate:* includes such degrees as Doctor of Philosophy, Doctor of Education, Doctor of Juridical Science, and Doctor of Public Health in any field such as arts, sciences, education, engineering, business, and public administration. Also includes terminal degrees formerly designated as "first professional," including dentistry (DDS or DMD), medicine (MD), optometry (OD), osteopathic medicine (DO), pharmacy (DPharm or BPharm), podiatric medicine (DPM), veterinary medicine (DVM), chiropractic (DC or DCM), or law (JD).

*Terminal degree:* the highest degree in a field: example, M. Arch (architecture) and MFA (master of fine arts).

I1		Full-Time	Part-Time	Total
a)	Total number of instructional faculty	755	178	933
b)	Total number who are members of minority groups	130	14	144
c)		307	77	384
d)		448	101	549
e)	Total number who are nonresident aliens (international)			
f)	Total number with doctorate, or other terminal degree	690	113	803
g)	Total number whose highest degree is a master's but not a terminal master's	63	60	123
h)	Total number whose highest degree is a bachelor's	2	5	7
i)	Total number whose highest degree is unknown or other (Note: Items <b>f</b> , <b>g</b> , <b>h</b> , and <b>i</b> must sum up to item <b>a</b> .)			
j)		160	58	218

## I2 Student to Faculty Ratio

Fall 2012 Student to Faculty ratio      9.7 to 1      (based on 6,488 students and 667 faculty).

## I3 Undergraduate Class Size

**Class Sections:** A class section is an organized course offered for credit, identified by discipline and number, meeting at a stated time or times in a classroom or similar setting, and not a subsection such as a laboratory or discussion session. Undergraduate class sections are defined as any sections in which at least one degree-seeking undergraduate student is enrolled for credit. Exclude distance learning classes and noncredit classes and individual instruction such as dissertation or thesis research, music instruction, or one-to-one readings. Exclude students in independent study, co-operative programs, internships, foreign language taped tutor sessions, practicums, and all students in one-on-one classes. Each class section should be counted only once and should not be duplicated because of course catalog cross-listings.

**Class Subsections:** A class subsection includes any subsection of a course, such as laboratory, recitation, and discussion subsections that are supplementary in nature and are scheduled to meet

**Number of Class Sections with Undergraduates Enrolled**

	<b>Undergraduate Class Size</b>							
<b>CLASS SECTIONS</b>	<b>2-9</b>	<b>10-19</b>	<b>20-29</b>	<b>30-39</b>	<b>40-49</b>	<b>50-99</b>	<b>100+</b>	<b>Total</b>
	166	324	106	74	42	55	27	794
<b>CLASS SUB-SECTIONS</b>	<b>2-9</b>	<b>10-19</b>	<b>20-29</b>	<b>30-39</b>	<b>40-49</b>	<b>50-99</b>	<b>100+</b>	<b>Total</b>
	26	53	52	42	9	2	0	184

## J. DEGREES CONFERRED

### J1 Degrees conferred between July 1, 2011 and June 30, 2012

For each of the following discipline areas, provide the percentage of diplomas/certificates, associate, and bachelor's degrees awarded. To determine the percentage, use majors, not headcount (e.g., students with one degree but a double major will be represented twice). Calculate the percentage from your institution's IPEDS Completions by using the sum of 1st and 2nd majors for each CIP code as the numerator and the sum of the Grand Total by 1st Majors and the Grand Total by 2nd major as the denominator. If you prefer, you can compute the percentages using 1st majors only.

Category	Diploma/ Certificates	Associate	Bachelor's	CIP 2000 Categories to Include
Agriculture				1
Natural resources/environmental science			0.6%	3
Architecture			0.4%	4
Area and ethnic studies			0.7%	5
Communication/journalism				9
Communication technologies				10
Computer and information sciences			4.0%	11
Personal and culinary services				12
Education			0.7%	13
Engineering			24.4%	14
Engineering technologies				15
Foreign languages and literature			3.0%	16
Family and consumer sciences			2.2%	19
Law/legal studies				22
English			2.4%	23
Liberal arts/general studies			0.1%	24
Library science				25
Biological/life sciences			12.1%	26
Mathematics and statistics			1.3%	27
Military science and military technologies				28 & 29
Interdisciplinary studies			4.3%	30
Parks and recreation				31
Philosophy and religious studies			0.7%	38
Theology and religious vocations				39
Physical sciences			7.0%	40
Science technologies				41
Psychology			7.7%	42
Firefighting, law enforcement, firefighting, and protective services				43
Public administration and social services				44
Social sciences			10.2%	45
Construction trades				46
Mechanic and repair technologies				47
Precision production				48
Transportation and materials moving				49
Visual and performing arts			2.8%	50
Health professions and related sciences			6.1%	51
Business/marketing			7.3%	52
History			1.8%	54
Other				
<b>TOTAL (should = 100%)</b>	<b>0.00%</b>	<b>0.00%</b>	<b>100.00%</b>	