



**AAC&U Liberal Education & America's Promise (LEAP) Outcomes Mapped onto the
2010 CIRP Your First College Year (YFCY) Survey**

Knowledge of Human Cultures and the Natural Worlds

Outcome	Construct / Item on Instrument	Responses	
Sciences	CIRP Construct: Satisfaction with Coursework	Mean	48.0
		SD	8.7
	Goal: Making a theoretical contribution to science	Essential	6.9%
		Very important	16.2%
		Somewhat important	32.3%
	Look up scientific research articles and resources	Not important	44.5%
Frequently		31.2%	
Occasionally		54.0%	
	Not at all	14.8%	
Social Sciences	CIRP Construct: Satisfaction with Coursework	*	*
	Self-rating: Mathematical ability	Highest 10%	13.3%
		Above average	33.0%
		Average	35.8%
		Below average	15.1%
		Lowest 10%	2.9%
Humanities	CIRP Construct: Satisfaction with Coursework	*	*
Arts	CIRP Construct: Satisfaction with Coursework	*	*
	Self-rating: Artistic ability	Highest 10%	7.7%
		Above average	25.8%
		Average	35.7%
		Below average	25.2%
		Lowest 10%	5.7%
	Self-rating: Creativity	Highest 10%	16.2%
		Above average	41.4%
		Average	34.7%
		Below average	7.2%
		Lowest 10%	0.6%
	Goal: Becoming accomplished in one of the performing arts (acting, dancing, etc.)	Essential	10.5%
		Very important	12.6%
		Somewhat important	27.8%
		Not important	49.1%
Goal: Creating artistic works (painting, sculpture, etc.)	Essential	8.0%	
	Very important	13.1%	
	Somewhat important	25.8%	
	Not important	53.0%	

Intellectual and Practical Skills

Outcome	Construct / Item on Instrument	Responses	
Written & Oral Communication	CIRP Construct: Habits of Mind	Mean	47.2
		SD	11.3
	Self-rating: Writing ability	Highest 10%	15.5%
		Above average	40.3%
		Average	36.0%
		Below average	7.1%
Lowest 10%		1.1%	

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Intellectual and Practical Skills cont.

Outcome	Construct / Item on Instrument	Responses	
Written & Oral Communication cont.	Self-rating: Public speaking ability	Highest 10%	11.7%
		Above average	29.9%
		Average	38.6%
		Below average	16.9%
		Lowest 10%	2.9%
	Self-rating: Ability to discuss and negotiate controversial issues	Highest 10%	21.5%
		Above average	42.0%
		Average	31.4%
		Below average	4.8%
		Lowest 10%	0.3%
	Revise your papers to improve your writing	Frequently	50.5%
		Occasionally	44.5%
		Not at all	5.0%
	Support your opinions with a logical argument	Frequently	48.6%
		Occasionally	46.5%
		Not at all	5.0%
	Goal: Writing original works (poems, novels, etc.)	Essential	8.6%
Very important		13.4%	
Somewhat important		29.0%	
Not important		49.0%	
Made a presentation in class	Frequently	17.2%	
	Occasionally	71.0%	
	Not at all	11.8%	
Contributed to class discussions	Frequently	41.7%	
	Occasionally	54.5%	
	Not at all	3.8%	
Inquiry, Critical, and Creative Thinking	CIRP Construct: Habits of Mind		* * *
	Self-rated change: Critical thinking skills	Much stronger	18.5%
		Stronger	59.2%
		No change	21.3%
		Weaker	0.8%
		Much weaker	0.2%
	Self-rated change: Problem-solving skills	Much stronger	17.1%
		Stronger	58.1%
		No change	23.8%
		Weaker	0.8%
		Much weaker	0.2%
	Ask questions in class	Frequently	36.7%
		Occasionally	55.2%
		Not at all	8.1%
	Seek solutions to problems and explain them to others	Frequently	43.8%
		Occasionally	51.4%
		Not at all	4.9%
Seek alternative solutions to a problem	Frequently	35.3%	
	Occasionally	60.4%	
	Not at all	4.3%	
Explore topics on your own, even though it was not required for a class	Frequently	28.6%	
	Occasionally	56.9%	
	Not at all	14.5%	

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Intellectual and Practical Skills cont.

Outcome	Construct / Item on Instrument	Responses		
Inquiry, Critical, and Creative Thinking cont.	Integrate skills and knowledge from different sources and experience	Frequently	62.2%	
		Occasionally	36.5%	
		Not at all	1.4%	
		Goal: Making a theoretical contribution to science	*	*
		Goal: Creating artistic works (painting, sculpture, etc.)	*	*
	Discussed course content with students outside of class	Frequently	46.1%	
		Occasionally	50.3%	
		Not at all	3.6%	
		Enrolled in an honors or advanced course	Yes	21.3%
	Worked on a professor's research project	Frequently	5.2%	
		Occasionally	17.1%	
		Not at all	77.8%	
	Self-rating: Ability to see the world from someone else's perspective	Highest 10%	23.2%	
		Above average	47.7%	
		Average	27.3%	
		Below average	1.6%	
		Lowest 10%	0.2%	
	Applied concepts from courses to everyday life	Frequently	23.2%	
		Occasionally	66.4%	
		Not at all	10.4%	
Self-rated change: Ability to conduct research	Much stronger	14.8%		
	Stronger	49.3%		
	No change	34.4%		
	Weaker	1.3%		
	Much weaker	0.2%		
That your courses inspired you to think in new ways	Frequently	37.7%		
	Occasionally	52.1%		
	Not at all	10.2%		
	Taken a course or first-year seminar designed to: Connect faculty and students in focused academic inquiry	Yes	36.5%	
Quantitative Literacy	CIRP Construct: Habits of Mind	*	*	
	Self-rating: Mathematical ability	*	*	
Information Literacy	CIRP Construct: Habits of Mind	*	*	
	Self-rating: Computer skills	Highest 10%	7.3%	
		Above average	33.7%	
		Average	50.5%	
		Below average	7.7%	
		Lowest 10%	0.8%	
	Evaluate the quality or reliability of information you received	Frequently	40.2%	
		Occasionally	54.6%	
		Not at all	5.1%	
		Look up scientific research articles and resources	*	*
	Used the Internet for homework or research	Frequently	84.0%	
		Occasionally	15.3%	
		Not at all	0.7%	
Accessed your campus' library resources electronically	Frequently	30.2%		
	Occasionally	58.2%		
	Not at all	11.6%		
	Self-rated change: Ability to conduct research	*	*	

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Intellectual and Practical Skills cont.

Outcome	Construct / Item on Instrument	Responses	
Teamwork	CIRP Construct: Leadership	Mean	48.0
		SD	7.7
	Self-rating: Leadership ability	Highest 10%	20.2%
		Above average	40.8%
		Average	32.1%
		Below average	6.2%
		Lowest 10%	0.7%
	Self-rating: Cooperativeness	Highest 10%	23.1%
		Above average	50.4%
		Average	24.7%
		Below average	1.6%
		Lowest 10%	0.2%
	Self-rating: Ability to work cooperatively with diverse people	Highest 10%	28.6%
		Above average	47.8%
		Average	22.4%
		Below average	1.0%
		Lowest 10%	0.2%
	Self-rated change: Ability to work as part of a team	Much stronger	13.7%
		Stronger	44.5%
		No change	40.0%
		Weaker	1.5%
		Much weaker	0.2%
	Tutored another student	Frequently	7.1%
		Occasionally	37.1%
		Not at all	55.8%
	I have effectively led a group to a common purpose	Strongly agree	12.2%
		Agree	45.0%
	Disagree	34.7%	
	Strongly disagree	8.2%	
Participated in leadership training	Yes	21.1%	
Been a leader in an organization	Yes	22.2%	
Worked on a professor's research project	*	*	
Worked with classmates on group projects during class	Frequently	21.0%	
	Occasionally	66.1%	
	Not at all	12.9%	
Worked with classmates on group projects outside of class	Frequently	21.9%	
	Occasionally	66.3%	
	Not at all	11.9%	

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Intellectual and Practical Skills cont.

Outcome	Construct / Item on Instrument	Responses	
Integration of Learning	CIRP Construct: Habits of Mind	*	*
	Self-rated change: General knowledge	Much stronger	21.6%
		Stronger	70.1%
		No change	7.5%
		Weaker	0.7%
		Much weaker	0.1%
	Self-rated change: Knowledge of a particular field or discipline	Much stronger	36.5%
		Stronger	55.5%
		No change	7.3%
		Weaker	0.5%
		Much weaker	0.1%
	Self-rating: Academic ability	Highest 10%	21.4%
		Above average	49.7%
Average		26.9%	
Below average		1.9%	
Lowest 10%		0.1%	
Integrate skills and knowledge from different sources and experiences	*	*	
Explore topics on your own, even though it was not required for a class	*	*	
Applied concepts from courses to everyday life	*	*	
Integration of Learning cont.	Discussed course content with students outside of class	*	*
	Worked on a professor's research project	*	*
	Enrolled in a formal program where a group of students take two or more courses together (e.g., FIG, learning community, linked courses)	Yes	12.4%
	That your courses inspired you to think in new ways	*	*
	Taken a course or first-year seminar designed to connect faculty and students in focused academic inquiry	*	*

Personal and Social Responsibility

Outcome	Construct / Item on Instrument	Responses	
Civic Responsibility and Engagement	CIRP Construct: Social Agency	Mean	52.3
		SD	9.7
	CIRP Construct: Civic Awareness	Mean	46.7
		SD	8.6
	Self-rated change: Understanding of the problems facing your community	Much stronger	12.1%
		Stronger	46.5%
		No change	38.7%
		Weaker	2.3%
		Much weaker	0.5%
	Self-rated change: Understanding of national issues	Highest 10%	10.5%
		Above average	43.4%
		Average	39.1%
		Below average	6.0%
		Lowest 10%	1.0%
	Self-rated change: Understanding of global issues	Much stronger	12.6%
Stronger		44.2%	
No change		36.6%	
Weaker		5.5%	
Much weaker		1.1%	

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Personal and Social Responsibility cont.

Outcome	Construct / Item on Instrument	Responses	
Civic Responsibility and Engagement cont.	Demonstrated for/against a cause	Frequently	8.2%
		Occasionally	40.7%
		Not at all	51.1%
	Publicly communicated your opinion about a cause (e.g., blog, email, petition)	Frequently	9.5%
		Occasionally	32.8%
		Not at all	57.6%
	Performed volunteer work	Frequently	13.6%
		Occasionally	51.0%
		Not at all	35.4%
	Worked on a local, state, or national political campaign	Frequently	1.4%
		Occasionally	7.5%
		Not at all	91.1%
	Performed community service as part of a class	Frequently	6.6%
		Occasionally	26.2%
		Not at all	67.2%
	Voted in a student election	Frequently	12.3%
		Occasionally	43.5%
		Not at all	44.2%
	HPW: Volunteer work	None	50.0%
		Less than 1 hour	21.0%
		1-2 hrs	17.1%
		3-5 hrs	8.1%
		6-10 hrs	2.6%
		11-15 hrs	0.6%
		16-20 hrs	0.2%
		Over 20 hrs	0.4%
	Discussed politics	Frequently	22.4%
		Occasionally	59.7%
		Not at all	17.8%
	Helped raise money for a cause or campaign	Frequently	8.4%
		Occasionally	33.8%
		Not at all	57.8%
Goal: Influencing the political structure	Essential	6.9%	
	Very important	16.1%	
	Somewhat important	41.0%	
	Not important	36.0%	
Goal: Becoming involved in programs to clean up the environment	Essential	9.1%	
	Very important	24.9%	
	Somewhat important	46.0%	
	Not important	20.0%	
Goal: Participating in a community action program	Essential	11.8%	
	Very important	28.9%	
	Somewhat important	42.7%	
	Not important	16.6%	
Goal: Becoming a community leader	Essential	12.1%	
	Very important	28.5%	
	Somewhat important	36.9%	
	Not important	19.8%	
Goal: Influencing social values	Essential	14.2%	
	Very important	36.9%	
	Somewhat important	36.6%	
	Not important	12.3%	

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Personal and Social Responsibility cont.

Outcome	Construct / Item on Instrument	Responses		
Civic Responsibility and Engagement cont.	Goal: Helping others who are in difficulty	Essential	34.3%	
		Very important	45.6%	
		Somewhat important	18.5%	
		Not important	1.5%	
	Participated in student government	Yes	7.3%	
	Participated in volunteer or community service work	Yes	61.1%	
Ethical Reasoning	Goal: Helping others who are in difficulty	*	*	
	Goal: Developing a meaningful philosophy of life	Essential	24.9%	
		Very important	32.1%	
		Somewhat important	29.8%	
		Not important	13.2%	
	Witnessed academic dishonesty/cheating	Frequently	4.2%	
		Occasionally	38.0%	
Not at all		57.9%		
Intercultural Knowledge and Actions	CIRP Construct: Pluralistic Orientation		Mean	50.6
			SD	10.3
	CIRP Construct: Positive Cross-Racial Interaction		Mean	50.5
			SD	9.1
	CIRP Construct: Negative Cross-Racial Interaction		Mean	50.3
			SD	8.0
	Self-rated change: Knowledge of people from different races/cultures	Much stronger	16.3%	
		Stronger	45.2%	
		No change	35.9%	
		Weaker	2.1%	
		Much weaker	0.5%	
			*	*
	Self-rated change: Understanding of global issues			
	Self-rating: Understanding of others	Highest 10%	22.7%	
		Above average	47.9%	
		Average	27.0%	
		Below average	2.1%	
		Lowest 10%	0.3%	
			*	*
	Self-rating: Ability to see the world from someone else's perspective			
	Self-rating: Tolerance of others with different beliefs	Highest 10%	29.3%	
		Above average	45.5%	
Average		22.8%		
Below average		2.0%		
Lowest 10%		0.3%		
Self-rating: Openness to having my own views challenged	Highest 10%	19.5%		
	Above average	41.9%		
	Average	33.0%		
	Below average	5.0%		
	Lowest 10%	0.6%		
		*	*	
Self-rating: Ability to work cooperatively with diverse people				
Racial/ethnic interaction: Dined or shared a meal	Very often	30.2%		
	Often	23.5%		
	Sometimes	25.2%		
	Seldom	14.1%		
	Never	6.9%		

*Repeat Item

**AAC&U Liberal Education & America's Promise (LEAP) Outcomes Mapped onto the
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Personal and Social Responsibility cont.

Outcome	Construct / Item on Instrument	Responses	
Intercultural Knowledge and Actions cont.	Racial/ethnic interaction: Had meaningful and honest discussions about race/ethnic relations outside of class	Very often	13.7%
		Often	17.1%
		Sometimes	28.0%
		Seldom	23.5%
		Never	17.7%
	Racial/ethnic interaction: Had guarded, cautious interactions	Very often	3.7%
		Often	6.9%
		Sometimes	21.5%
		Seldom	30.9%
		Never	37.0%
	Racial/ethnic interaction: Shared personal feelings and problems	Very often	16.8%
		Often	23.7%
		Sometimes	29.1%
		Seldom	16.6%
		Never	13.8%
	Racial/ethnic interaction: Had intellectual discussions outside of class	Very often	16.7%
		Often	24.8%
		Sometimes	30.0%
		Seldom	15.4%
		Never	13.2%
	Racial/ethnic interaction: Studied or prepared for class	Very often	22.0%
		Often	22.9%
		Sometimes	25.9%
		Seldom	14.5%
		Never	14.7%
	Racial/ethnic interaction: Socialized or partied	Very often	22.3%
		Often	26.8%
		Sometimes	27.6%
		Seldom	13.3%
		Never	10.1%
	Goal: Improving my understanding of other countries and cultures	Essential	21.3%
		Very important	37.7%
Somewhat important		33.2%	
Not important		7.9%	
Goal: Helping to promote racial understanding	Essential	11.0%	
	Very important	27.8%	
	Somewhat important	42.7%	
	Not important	18.4%	
Had a roommate of a different race/ethnicity	Yes	31.3%	
Develop close friendships with: Male students	Very easy	39.7%	
	Somewhat easy	38.1%	
	Somewhat difficult	16.5%	
	Very difficult	5.7%	
Develop close friendships with: Female students	Very easy	43.0%	
	Somewhat easy	40.3%	
	Somewhat difficult	13.6%	
	Very difficult	3.0%	
Develop close friendships with: Students of a different racial/ethnic group	Very easy	36.3%	
	Somewhat easy	42.7%	
	Somewhat difficult	16.8%	
	Very difficult	4.3%	

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Personal and Social Responsibility cont.

Outcome	Construct / Item on Instrument	Responses	
Intercultural Knowledge and Actions cont.	Socialized with someone of another racial/ethnic group	Frequently	52.9%
		Occasionally	42.4%
		Not at all	4.7%
	My college experiences have exposed me to diverse opinions, cultures, and values	Strongly agree	23.6%
		Agree	59.9%
		Disagree	13.8%
		Strongly disagree	2.7%
	Goal: Engaging with members of my own racial/ethnic group	Essential	13.1%
		Very important	33.2%
		Somewhat important	40.2%
Not important		13.5%	
Propensity for Lifelong Learning	CIRP Construct: Habits of Mind		* * *
	Self-rating: Drive to achieve	Highest 10%	32.0%
		Above average	42.6%
		Average	22.1%
		Below average	2.9%
		Lowest 10%	0.4%
	Seek alternative solutions to a problem	*	*
	Support your opinions with a logical argument	*	*
	Seek solutions to problems and explain them to others	*	*
	Evaluate the quality or reliability of information you received	*	*
	Integrate skills and knowledge from different sources and experience	*	*
	Accept mistakes as part of the learning process	Frequently	46.4%
		Occasionally	50.8%
		Not at all	2.8%
	HPW: Studying/homework	None	0.2%
		Less than 1 hour	0.8%
		1-2 hrs	5.8%
		3-5 hrs	23.5%
		6-10 hrs	33.3%
		11-15 hrs	17.8%
		16-20 hrs	10.5%
		Over 20 hrs	8.1%
		Goal: Becoming an authority in my field	Essential
	Very important		41.8%
	Somewhat important		26.7%
	Not important		6.5%
	Studied with other students	Frequently	35.5%
		Occasionally	57.1%
		Not at all	7.4%
	Tutored another student	*	*
Discussed politics	*	*	
Discussed course content with students outside of class	*	*	
Worked with classmates on group projects during class	*	*	
Worked with classmates on group projects outside of class	*	*	
Applied concepts from courses to everyday life	*	*	
That your courses inspired you to think in new ways	*	*	

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Integrative and Applied Learning

Outcome	Construct / Item on Instrument	Responses	
Synthesis and Advanced Accomplishment	CIRP Construct: Habits of Mind	*	*
	CIRP Construct: Pluralistic Orientation	*	*
	Self-rating: Ability to see the world from someone else's perspective	*	*
	Self-rating: Openness to having my own views challenged	*	*
	Self-rating: Ability to discuss and negotiate controversial issues	*	*
	Self-rating: Ability to work cooperatively with diverse people	*	*
	Explore topics on your own, even though it was not required for a class	*	*
	Integrate skills and knowledge from different sources and experience	*	*
	Self-rated change: General knowledge	*	*
	Self-rated change: Understanding of the problems facing your community	*	*
	Self-rated change: Understanding of national issues	*	*
	Self-rated change: Understanding of global issues	*	*
	Enrolled in an honors or advanced course	*	*
	Worked on a professor's research project	*	*
	Worked with classmates on group projects during class	*	*
	Worked with classmates on group projects outside of class	*	*
	Made a presentation in class	*	*
Applied concepts from courses to everyday life	*	*	