



CIRP College Senior Survey 2023 Selected Items Related to Collaboration and Communication

Demographics and Response Rates

Responses	163
Men/ Trans Men	73
Women/Trans Women	77
Genderqueer	13

Comparison Group:	6 Private, Nonsectarian 4-Year Colleges (High Selectivity) (n = 450)
Longitudinal:	158 matched pairs from first to senior year (93%)

Background:

The CIRP Senior Survey (CSS) focuses on a broad range of outcomes and post-college goals and plans, including academic achievement and engagement, student-faculty interaction, cognitive and affective development, student goals and values, satisfaction with college, degree aspirations and experience, employment and advanced education plans. This report is focused on items on the CSS that relate to the student learning outcome of *societal impact and application*. Results are first presented for HMC seniors in comparison with seniors at the group of comparison institutions listed above. Second, results are paired with the CIRP Freshman Survey to provide longitudinal data on students' growth during their undergraduate experience. This can be used to understand the impact of Harvey Mudd College.

HMC participates in the CSS survey in the spring as part of a survey rotation in [selected years](#) and surveys all seniors (graduating and non-graduating).

The results of the senior survey are used throughout the campus-- in departmental program reviews to evaluate growth and development on student learning outcomes; in Student Affairs to understand the impact of the co-curriculum; in Career Services to establish anticipated career and graduate school activities; and by the College overall in accreditation and assessment activities.

Highlights:

- HMC seniors were similar to their peers in how often they “discussed course content with students outside of class” “contributed to class discussions” and “seek solutions to problems and explain them to others”. HMC seniors were significantly less likely to indicate they “Communicated regularly with your professors” compared to their peers in other institutions.
- HMC seniors spent significantly more time “studying with other students” and “working with classmates on group projects” compared to their peers. However, they rated their “ability to work cooperatively with diverse people” and “understanding of others” significantly lower than their peers.

- Looking longitudinally, HMC seniors rate themselves significantly higher in terms of “seeking solutions to problem and explaining them to others” and “ability to work cooperatively with diverse people” than they did in their first year.

SENIORS				
	<u>HMC</u>	<u>Comp</u>	<u>Diff</u>	<u>Sig</u>
	n = 163	n = 450		
Since entering college, indicate how often you:				
<i>1 = Not at All, 2 = Occasionally, 3 = Frequently</i>				
Discussed course content with students outside of class	2.75	2.76		
Communicated regularly with your professors	2.40	2.52	▼	p < .01
Contributed to class discussions	2.61	2.65		
How often in the past year did you:				
<i>1 = Not at All, 2 = Occasionally, 3 = Frequently</i>				
Seek solutions to problems and explain them to others	2.89	2.84		
During the past year, how much time did you spend during at				
<i>1=Less than 1 hr, 2=1-2hr, 3=3-5hr, 4=6-10hr, 5=11-15hr, 6=16-20hr, 7=Over 20 hr</i>				
Studying with other students	3.96	3.56	▲	p < .05
Working with classmates on group projects	3.97	3.49	▲	p < .001
Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.				
<i>1=Lowest 10% 2=Below Average 3=Average 4=Above Average 5=Highest 10%</i>				
Ability to work cooperatively with diverse people	4.39	4.54	▼	p < .01
Understanding of others	3.69	3.84	▼	p < .05
Public speaking ability	3.43	3.40		
Writing ability	3.82	3.79		

LONGITUDINAL (2017-2020 first-years and 2023 seniors)					
n = 158	<u>HMC FY</u>	<u>HMC SR</u>	<u>Change</u>	<u>Diff</u>	<u>Sig</u>
How often in the past year did you:					
<i>1 = Not at All, 2 = Occasionally, 3 = Frequently</i>					
Seek solutions to problems and explain them to others	2.75	2.88	0.13	▲	p < .05
Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.					
<i>1=Lowest 10% 2=Below Average 3=Average 4=Above Average 5=Highest 10%</i>					
Ability to work cooperatively with diverse people	4.20	4.38	0.18	▲	p < .01
Understanding of others	3.66	3.71	0.05		
Public speaking ability	3.33	3.39	0.06		
Writing ability	3.65	3.81	0.16		