

## Student Learning at Millersville University of Pennsylvania

### 2014 - 15 Results from the Collegiate Assessment of Academic Proficiency (CAAP)

The Collegiate Assessment of Academic Proficiency (CAAP) is a standardized assessment program that enables postsecondary institutions to assess, evaluate, and enhance learning outcomes. The CAAP is one component of Millersville University's cyclical systematic assessment of student learning.

The CAAP Critical Thinking Test is a module of the CAAP that consists of a 32-item, 40-minute multiple-choice test that measures students' skills in clarifying, analyzing, evaluating, and extending arguments. The test materials utilize a variety of formats, including cases studies, debates, dialogues, overlapping positions, statistical arguments, experimental results, or editorials. [<https://www.act.org/caap/test/thinking.html>]

A sample population of 234 first-time, full-time freshmen and 109 seniors completed the Critical Thinking Test in Fall 2014. The students tested were generally representative of Millersville's Freshmen and Senior classes as a whole in Fall 2014, as indicated by the proportions in the following tables:

Male/Female	Freshmen		Seniors	
	Tested	University	Tested	University
Male	36%	47%	50%	45%
Female	64%	53%	50%	55%

Ethnicity/Race	Freshmen		Seniors	
	Tested	University	Tested	University
White	67%	74%	80%	80%
Black	19%	11%	6%	7%
Hispanic	10%	9%	10%	7%
Other	4%	6%	5%	6%

### 2014 - 15 Results from the Collegiate Assessment of Academic Proficiency

#### CAAP Critical Thinking Results for First-time, Full-time Students (Freshmen and Seniors)

Freshman Score: **58.9**

Senior Score: **63.8**

CAAP score range: 40-80

Value Added Score (Difference between actual minus expected, Freshmen to Seniors, in standard deviation units): 0.10

**The increase in learning on the performance task is the same as what would be expected at an institution testing students of similar academic abilities.**