

MAPP Results

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June 2006

In May 2005, HCC students participated in a pilot study of the Educational Testing Service's test *Measure of Academic Proficiency and Progress*. From a pool of more than 3,000 students who were eligible (AA program students who had earned 45 hours or more towards the degree), 500 students were invited to participate; and 35 ultimately did. Results were made available in March 2006.

Although final participation was small, the results allow for a **preliminary** comparison with national results.

The table to the right provides proficiency scores of HCC and the comparison national group.

Proficiency Levels on MAPP: HCC and National Group (NTL)

	Proficient		Marginal		Not Proficient	
	HCC	NTL	HCC	NTL	HCC	NTL
Critical Thinking	3%	3%	34%	11%	63%	86%
Reading, Level 1	71%	64%	17%	22%	11%	15%
Reading, Level 2	46%	29%	14%	22%	40%	49%
Writing, Level 1	69%	62%	17%	27%	14%	11%
Writing, Level 2	14%	13%	43%	38%	43%	49%
Writing, Level 3	9%	6%	20%	24%	71%	70%
Math, Level 1	57%	48%	34%	32%	9%	20%
Math, Level 2	31%	20%	20%	30%	49%	51%
Math, Level 3	6%	4%	23%	12%	71%	84%

HCC Total Students: 35; National Group (NTL): 13,459

HCC's proficiency scores percentages

- **exceeded the national group in all areas of reading, writing, and mathematics.**
- **were the same for critical thinking, and a lower percentage were "not proficient" than the national group.**

Although HCC performance exceeds the national group, the high percentage of students with a "not proficient" score areas indicates that critical thinking and the upper levels of reading, writing, and math are areas to target for improvement.

The charts on the following pages separate the areas of critical thinking/reading, writing, and math to provide a pictorial representation of the data.

In addition to proficiency scores, HCC also received results on mean scores for the context-based aspects of the test in the areas of humanities, the social sciences, and the natural sciences. HCC's mean scores were higher than the national scores in all three areas.

- **Humanities** - the HCC mean score is 117.11; the national mean score is 114.06.
- **Natural Sciences** - the HCC mean score is 115.06; the national mean score is 114.27.
- **Social Sciences** - the HCC mean score is 114.49; the national mean score is 112.75.

The MAPP test is one of a number of assessments in use at Hillsborough Community College to evaluate the effectiveness of the general education program. Using multiple measures gives a more comprehensive perspective of student performance than any single measure could provide. Other measures in use at HCC include

- the IDS 2110 *Connections* rubric results,
- statewide accountability outcome measures,
- statewide level 1 data transfer performance by discipline groupings,
- and average general education GPA over time.

The Associate in Arts Program/Learning Outcomes report includes the results of these other assessments, and all results are shared with faculty for use in targeting areas needing improvement.



