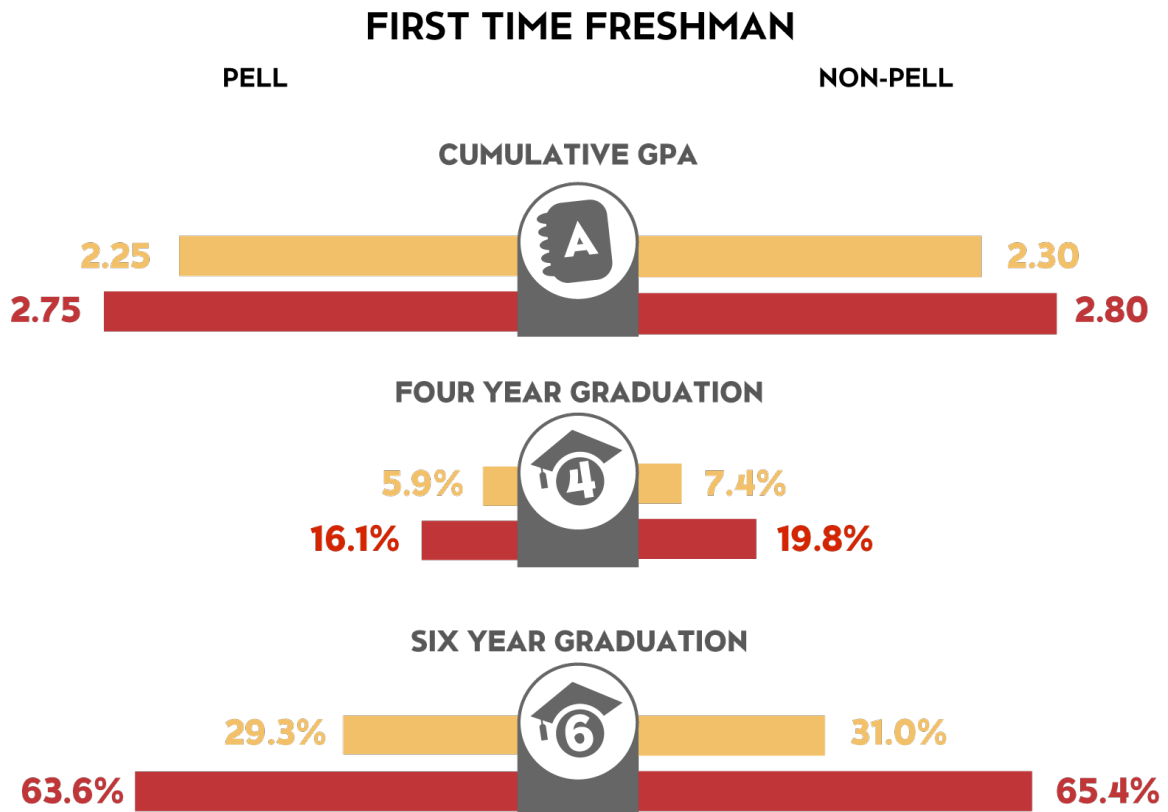


Addendum: Association between summer enrollment and student success across specific student demographics

In our main analysis, we found that taking summer courses was associated with better academic outcomes (GPA and graduation rates) overall, compared to the matched group of students who did not take any summer courses. However, it is still possible that student demographic characteristics, may differentially influence the impact of taking summer courses. In this supplemental analysis, we specifically disaggregated the outcomes by Pell status, first-generation college student status, and race.

In examining the influence of summer enrollment within specific demographics, we found that, across all demographic groups, those who enrolled in summer school consistently obtained better cumulative GPAs and were more likely to graduate on time. In other words, **all differences presented in this addendum are statistically reliable ($p < .0001$).**

Outcomes by Pell Status



- Took Summer Courses
- No Summer Courses

FIRST TIME TRANSFER

FIRST GEN

CONTINUING GEN

CUMULATIVE GPA



FOUR YEAR GRADUATION



SIX YEAR GRADUATION



Outcomes by Generational Status

FIRST TIME FRESHMAN

FIRST GEN

CONTINUING GEN

CUMULATIVE GPA



FOUR YEAR GRADUATION



SIX YEAR GRADUATION



FIRST TIME TRANSFER

FIRST GEN

CONTINUING GEN

CUMULATIVE GPA



FOUR YEAR GRADUATION



SIX YEAR GRADUATION



Outcomes by Race

LATINX

FIRST TIME FRESHMAN

FIRST TIME TRANSFER

CUMULATIVE GPA



FOUR YEAR GRADUATION



SIX YEAR GRADUATION



BLACK/AFRICAN AMERICAN

FIRST TIME FRESHMAN

FIRST TIME TRANSFER

CUMULATIVE GPA



FOUR YEAR GRADUATION



SIX YEAR GRADUATION



ASIAN AMERICAN

FIRST TIME FRESHMAN

FIRST TIME TRANSFER

CUMULATIVE GPA



FOUR YEAR GRADUATION



SIX YEAR GRADUATION



WHITE

FIRST TIME FRESHMAN

FIRST TIME TRANSFER

CUMULATIVE GPA



FOUR YEAR GRADUATION



SIX YEAR GRADUATION

