Success Rates among Students whose First Community College Math Course was Statistics with Breakouts for those with < 2.3 HS GPA

The analysis below is a response to an inquiry from the AB 705 work group regarding the success rates of community college students whose first math class was a transferrable statistics class. We pay special attention to students with an 11th grade high school GPA less than 2.3, which is the lowest preforming node in the MMAP Statistics decision tree. The success rate of all students who enroll in Statistics as their first math course is 68.6% (N=14,334), while the success rate of students with an 11th grade high school GPA less than 2.3 is 39.8% (n=1,485).

As requested, this analysis presents a further disaggregation of those students with a high school GPA less than 2.3, as follows:

1. 11th HS GPA < 2.3 and completed Pre-Calculus with a C or better
2. 11th HS GPA < 2.3 and completed Algebra II (but not higher) with a C or better
3. 11th HS GPA < 2.3 and completed Algebra I (but not higher) with a C or better
4. 11th HS GPA < 2.3 and has not completed Algebra I with a C or better

Figure 1. Success Rates of Groups of Students in Transfer-Level Statistics

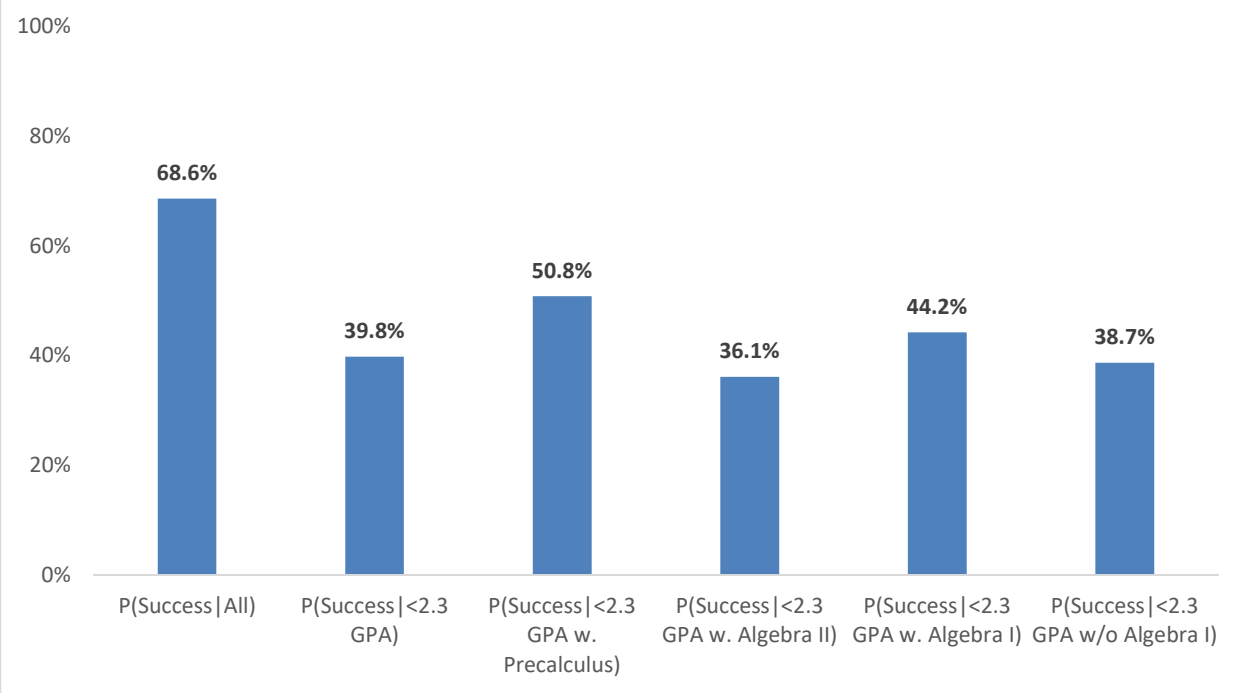


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