

From: [Hays, Joseph](#)  
 To: [Chown, Paul](#)  
 Subject: RE: course success rates  
 Date: Monday, April 6, 2020 10:31:59 AM  
 Attachments: [2018 - 2019 and Fall 2019 Transfer Level Success Rates 20200406.xlsx](#)

Hi Paul,

2018-2019's success rates for those transfer-level courses are below.

**2018-2019 Transfer-level Gateway Course  
Success Rates**

Course	Enrolled	Successful	Success Rate
ENGL-1A	1206	822	68%
MATH-5	197	133	68%
MATH-15	919	569	62%
MATH-25	162	98	60%
MATH-30	219	136	62%

MATH-10 and the support courses were not active until fall 2019. Fall 2019's success rates are below.

**Fall 2019 Transfer-level Gateway Course  
Success Rates**

Course	Enrolled	Successful	Success Rate
ENGL-1A	782	557	71%
MATH-5	210	119	57%
MATH-10	34	20	59%
MATH-15	452	264	58%
MATH-25	63	41	65%
MATH-30	140	85	61%

Support sections in fall 2019 were offered for ENGL-1A, MATH-15, and MATH-30.

- ENGL-1A students taking English at CR for the first time in fall 2019 achieved significantly *lower* success rates in supported sections than did students in non-supported sections.
- MATH-15 students did much better in the supported sections than those in non-supported sections – that's true for all students, and for first-time math students.
- MATH-30 supported sections resulted in lower success rates than non-supported sections, but differences were not statistically significant.

The table below summarizes all this. Cases statistically significant at the 0.05 level are highlighted pink in the "Fisher's Exact Test P-value" column.

**Fall 2019 Transfer-level Supported vs. Non-Supported Course Success Rates**

Term	Course	First-time in Subject Status	Support Status	Enrolled	Successful	Support Status Success Rate	Success Rate Gap	Fisher's Exact Test P-Value
2019F	English 1A	All Students	With Support	239	165	69%	-3%	0.3915
			No Support	543	392	72%		
		First-time in English Students	With Support	175	107	61%	-11%	
			No Support	440	316	72%		
	Math 15	All Students	With Support	167	117	70%	18%	0.0001
			No Support	285	147	52%		
		First-time in Math Students	With Support	133	93	70%	19%	
			No Support	193	99	51%		
Math 30	All Students	With Support	49	26	53%	-12%	0.2055	
		No Support	91	59	65%			

	<b>First-time in Math Students</b>	With Support	28	15	54%	<b>-7%</b>	0.6384
		No Support	53	32	60%		

All these tables are in the attached Excel file. Let me know if anything is unclear, or if I can look into anything else.

Thanks,  
Joe

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**From:** Chown, Paul <Paul-Chown@Redwoods.edu>

**Sent:** Sunday, April 5, 2020 10:50 AM

**To:** Hays, Joseph <Joseph-Hays@Redwoods.edu>

**Subject:** course success rates

Hi Joe,

I'm working on the IEC agenda for April 16. Our first item is assessing the institution set standards. I'd like to get course success rates for the 2018-2019 transfer level English (1A) and the math 5, 10, 15, 25 & 30 individually. (My understanding is that some math courses did better than others). Which ones had support courses, did the support courses help?